



Harmony iPC

Industrial PC, Edge Box and Display



Harmony

Discover Harmony

Advanced operator interface and industrial relays

Harmony operator interface and industrial relays enhance operational efficiency and equipment availability across industrial and building applications. Harmony includes intelligent connected products and edge terminals that visualize, gather and process data, enabling informed operator decisions

Explore our offer

- Harmony Push Buttons and Switches
- Harmony HMI Operator Terminals, IPC and EdgeBox
- Harmony Signaling Devices
- Harmony Electrical Relays
- Harmony Safety

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Quick access to product information

Get technical information about your product

References

Modicon TM3
I/O expansion modules for Modicon controllers
Analog I/O modules

Modicon TM3 analog input modules number of channels	Input type	Input range	Resolution	Input terminal blocks (T)	Reference	Weight kg
2 voltage/current inputs	-10...+10 VDC, 0...20 mA	-	16 bits or 12 bits + sign	Screw Spring	TM3A02H TM3A02HD	0.116 0.154
4 voltage/current inputs	-10...+10 VDC, 0...20 mA	-	12 bits or 11 bits + sign	Screw Spring	TM3A04H TM3A04HD	0.110 0.150
4 voltage/current or temperature inputs (3)	- Thermocouples (J, E, K, C) - Temperature probe (Pt1000, Pt100, Pt500, Pt10000, -40...+200 °C, 0...20 mA)	-10...+10 VDC, 0...20 mA	16 bits or 15 bits + sign 3.8bit rs	Screw Spring	TM3T04H TM3T04HD	0.110 0.144 0.160
4 differential temperature inputs	Thermocouples (J, E, K, non-IEC2602)	-10...+10 VDC	16 bits or 15 bits + sign	Screw	TM3T04D TM3T04DD	0.110 0.144
6 voltage/current inputs	-10...+10 VDC	-	12 bits or 9 bits	Screw	TM3A06H TM3A06HD	0.110 0.150

Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

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- > Consult digital automation catalogs at [Digi-Cat Online](#)

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- > Locate the training center with the selector tool, using this [link](#)

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General presentation

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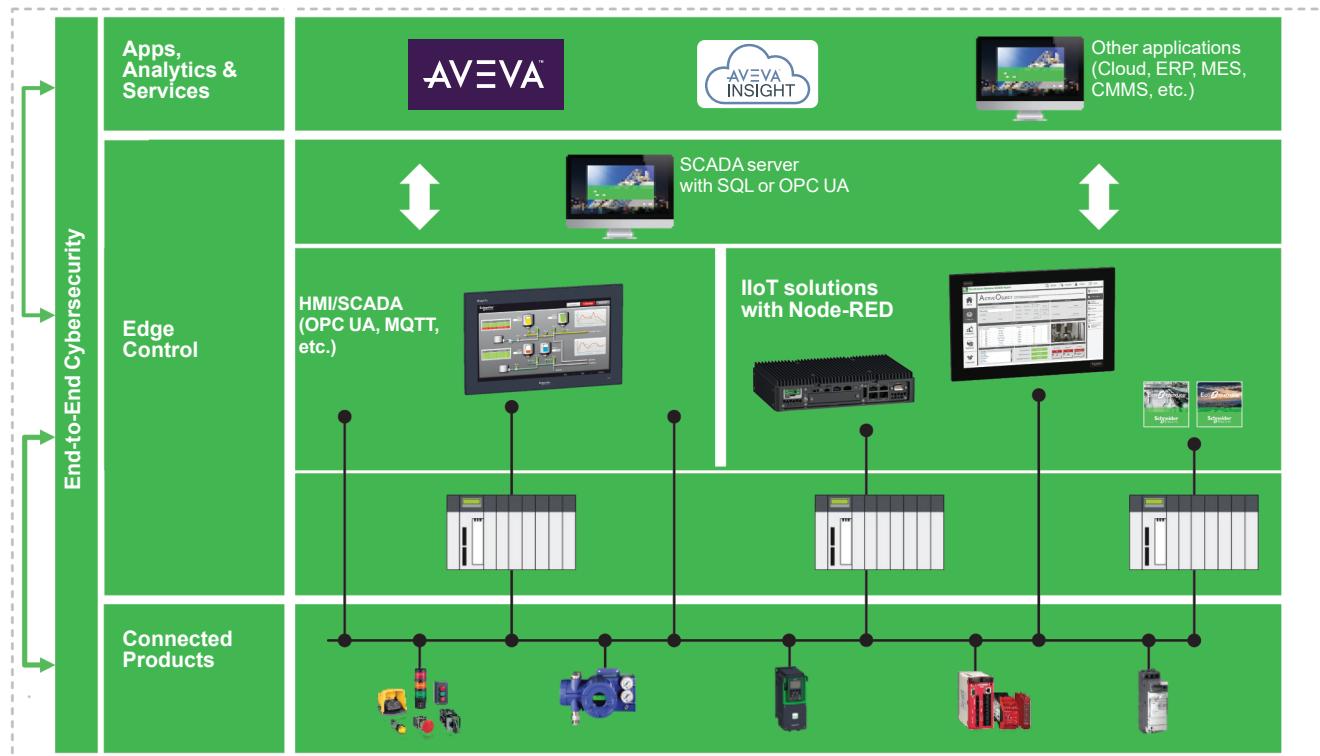
Harmony iPC

Delivering the optimal digital experience at the Edge of EcoStruxure

Harmony Industrial PCs, Edge Box, and Displays, running at the Edge Control level of EcoStruxure improve your productivity and performance with data management functionality and flexibility. Optimized box and display modularity offers a wide choice and ease of screen replacement.

Running associated software, they deliver the next stage of your digital transformation and experience by leveraging asset performance with end-to-end cybersecurity for more efficient operation and maintenance of capital assets.

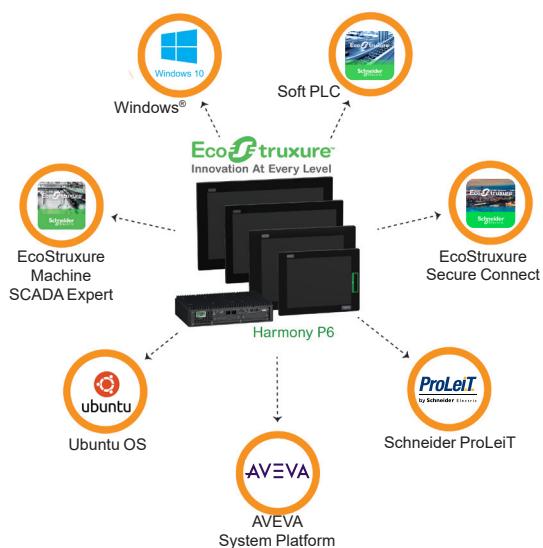
EcoStruxure Architecture



Smart design and engineering

Harmony P6 Industrial PCs and Edge Box shorten implementation time for automation engineers and are more economical throughout the life cycle with optimized design and ease of maintenance.

The online Harmony P6 Product Configurator with enlarged line-up offers many possibilities and when linked with EcoStruxure Plant Builder eases the design of complete automation architectures and solutions. Fast deliveries from the regional Flex Center speed up commissioning of exact-fit applications.



Harmony P6 Industrial PCs and Edge Box are available with preferred software associations that are tested and validated with the optimum hardware configuration. Ultimately, they can be delivered as pre-installed bundles with activation licenses. This offer is versatile and open to applications running Windows software or Linux at the Edge like HMI, SCADA, IIoT Edge, engineering and maintenance tools, thin clients, etc.

There are numerous software applications that can run on Harmony P6 Industrial PCs and Edge Box with Windows or Linux operating systems. For examples of recommended associations and delivery models, see [page 1/6](#).



Efficiency



Protection



Digitization



Flexibility



Harmony P6 to digitize industrial machines and plants



Cybersecurity

Harmony P6 Industrial PCs and Edge Box are ready with end-to-end cybersecurity systems to help protect data and assets. They are designed according to IEC 62443 and Achilles standards for industrial automation and control:

- Designed according to standard guidelines for security analysis, threat modeling, tests, user documentation, etc.
- Compliant with Achilles standard, with Trellix allowlisting available as an option
- Hardware encryption of operating system, storage, and passwords can be activated with Windows BitLocker running the TPM (Trusted Platform Module) available as default on the motherboard
- Secure boot and secure operating system settings (passwords, patches, etc.)

Harmony P6 Industrial PCs and Edge Box are also validated with EcoStruxure Secure Connect to create end-to-end cybersecured infrastructure for remote connection to automation sites in the field.

Asset performance

Harmony P6 Industrial PCs and Edge Box deliver a new digital experience at the Edge. They leverage asset performance with predictive maintenance, IoT Edge-to-Cloud connection, Smart Factory, and digitization, meeting the increasing demands of data management, analytics, and dashboards at the Edge.

There are two main IIoT architectures that can run on Harmony P6:

- HMI and SCADA software visualization and connections with drivers available on software like OPC UA and MQTT
- IIoT solutions with Schneider nodes or more advanced IIoT software making the data wiring of the connected products to the apps, analytics, and services at the IT and Cloud levels



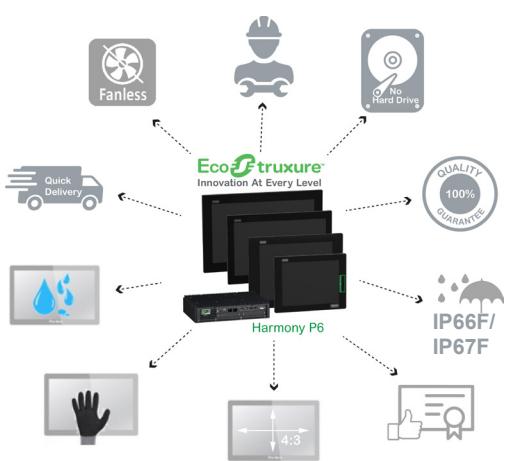
Workforce empowerment

With associated software, Harmony P6 provides optimum visualization and control, enhancing the operator experience. The offer leverages operator responsiveness with high-performance quad-core Intel CPUs to maximize business opportunities.

The stylish wide displays provide high visibility during operation and feature:

- Glass-top capacitive multi-touch panel with narrow frame and thin design
- Innovative configurable and noise-resistive touch drivers with three mode settings: default standard mode, glove mode with higher touch sensitivity, and water detection mode, which disables the abnormal touch input

The modularity of Harmony P6 Industrial PCs and Edge Box creates exact-fit Box PCs, Panel PCs, and monitors, allowing the configuration to be adapted for each use while keeping the same operator environment. This consistency of operator workstations at the Edge enables optimum ergonomics throughout the application.



Investment continuity

Harmony P6 Industrial PCs and Edge Box provide investment continuity along their life cycle. They are as robust as an industrial HMI panel in terms of asset reliability and optimization.

They are designed to help ensure reduced failure rate, easy maintenance and replacement, advanced certification, and redundant storage, with configurable and noise-resistive wide touch screens, supporting a long lifecycle.

Harmony P6 Industrial PCs and Edge Box bring a new customer experience to help ensure business continuity with easy selection and migration from legacy products, expanded services support, and regional Flex Centers delivering supply chain efficiencies for both new machines and spare parts, and faster repairs.

Harmony iPCs and Edge Box at Edge Control level for EcoStruxure Machine and EcoStruxure Plant



Harmony Edge Box



Harmony HMIDM Modular Display



Harmony P6 Modular Box PCs



Harmony P6 Modular Display

Harmony iPC Industrial PC, Edge Box, and Display

The Harmony Edge Box family

Harmony HMIBMI/HMIBMO can be used as entry level Industrial PCs and for IIoT at the Edge of EcoStruxure for direct connection to Cloud applications (running Node-RED to wire from OT to IT) with enhanced cybersecurity by design.

Harmony HMIBMI Basic Box

- 2 Gigabit Ethernet, 1x RS-232/422/485, 2x USBs, 1x display port
- Intel Atom Apollo Lake E3930 dual-core fanless processor
- 1x full-size mini PCIe slot with optional interface
- Node-RED, default or to be installed depending on the model

Harmony HMIBMO Optimized Box

- 2 Gigabit i210 Ethernet, 1x RS-232/422/485, 4x USBs, 2x display ports
- Intel Atom Apollo Lake E3930 dual-core fanless processor
- 1x full-size mini PCIe slot with optional interface
- Node-RED, default or to be installed depending on the model

Harmony HMIDM Modular Displays are the companion of Harmony Edge Box. They can be mounted directly on the Edge Box or remotely via cables. This modularity not only allows multiple variations with reduced inventories, it also facilitates maintenance. The Box PC or Display can be easily replaced without changing the complete Panel PC unit.

Harmony HMIDM Modular Display

- 4:3 12" and 15" single-touch resistive with front USB
- 16:9 12"/15"/19"/22" multi-touch projected capacitive technology, 7H hardness, anti-scratch
- IP66, NEMA 4X indoor front panel

The Harmony P6 Industrial PC family

Harmony P6 Box PCs are high-end Industrial PCs with a modularity that facilitates fast delivery, multiple options, and easier mounting. They are available in a 4-Box PC format running on Schneider Electric EdgeOS, Windows 10 or Ubuntu operating system. All 4 Box PCs can be mounted on a Modular Display to make a Panel PC.

Harmony P6 Modular Box PC

- 2x LAN IEEE1588, 1x RS-232C non-isolated, USB Type A (2x USB 2.0 and 2x USB 3.0), USB Type C (1x USB 3.0), 1x display port
- Intel Core™ i7-8665UE, Intel Core™ i5-8365UE, Intel Celeron® 4305UE, and Intel Core™ i3-8145UE processors with up to 32 GB RAM
- 1x PCI + 1x PCIe, 2x PCIe or 2x PCI expansion slots, 1x M.2 SSD SATA, 1x or 2x 2.5-inch SATA (HDD/SSD) storage slots
- 1x or 2x expansion slots for optional interfaces (serial lines, audio, wireless, I/O, Ethernet, UPS, etc.)

Harmony P6 Wide Modular Displays are multi-touch capacitive screens enabling navigation like on a smartphone or tablet. The 4:3 Modular Displays have resistive technology for heavy gloves and to facilitate mounting in legacy systems, but also benefit from innovative multi-touch screens.

Harmony P6 Modular Display

- 4:3 12" and 15" multi-touch (2 points) resistive displays with front USB
- 16:9 10"/12"/15"/19"/22" multi-touch (2 points) projected capacitive displays
- Wide Modular Display supports standard mode, glove mode, and water detection mode
- IP66F, IP67F, Type 1, Type 4X (NEMA indoor use only), Type 13

 **Harmony P6 → Make the most of data to drive profitability, efficiency, and productivity**



Harmony FP6 Flat Panel Monitors

The Harmony FP6 Industrial Flat Panel Monitor family

Harmony FP6 Industrial Flat Panel Monitors are robust monitors that can be used in conjunction with Harmony P6 Box PCs, Harmony Industrial PCs, or any third-party PCs. They have the same cut-out dimensions as Operator Panels and legacy monitors, which makes it easy to upgrade installations.

Harmony FP6 Industrial Flat Panel Monitors

- 4:3 12" and 15" multi-touch (2 points) resistive monitors with front USB
- 16:9 10"/12"/15"/19"/22" multi-touch (2 points) projected capacitive monitors with optimized noise filter
- Wide Modular Display supports standard mode, glove mode, and water detection mode
- IP66F, IP67F, UL 50/50E, Type 1, Type 4X (indoor use only), Type 12, Type 13

Recommended associated software for Harmony Industrial PCs

Numerous software applications can run on Harmony P6 Industrial PCs and Edge Box with Windows 10 or Linux operating systems. Such software associations help to digitize plants and machines.

Traditionally, users can either install their own software or have a complete system delivered, to include both hardware and software as a complete project. Harmony Industrial PCs also benefit from innovative options provided by associated software:

- **Solution guide and TVDAs** (Tested Validated Documented Architectures) are available. This documentation facilitates selection, integration, and maintenance of Schneider Electric and partner software associations with Harmony P6. Such tested solutions and architectures help ensure that users can access technical support and repairs from a single contact window, including both hardware and associated software.
- **Configured-to-order using Harmony Online Product Selector.** A selection of software licenses are validated and delivered with the Harmony Industrial PC. This means you can make a single digital journey to configure, define architecture, order, receive fast delivery, and then activate the latest versions of the software to run on the Harmony iPC. Even software pre-installation is possible for main associations. This kind of digital journey from a single supplier allows stress-free updates and migration.
- **Kitting for repetitive business.** After having defined and validated your own hardware and software single configuration, you can place dedicated repetitive orders to our regional Flex Center.
- **Edge Manager** to manage a fleet of Edge devices digitally from a central Portal in the cloud, all along the full life cycle. The Harmony P6 Industrial PCs and Edge Box are first provisioned pre-enrolled to the Edge platform through the Configured-To-Order process to help ensure cybersecurity and ease of commissioning. They can then be centrally monitored from the Edge Portal to deploy, control, and update their software applications and user project files into those Edge devices.
- **EcoStruxure Edge Apps.** Individual Services and Connectivity Edge apps provide advanced data collection, computation and analytics at machine or plant level and leverage AI to deliver fast ROI. With EcoStruxure flexible approach, machine builders and users can either build solutions themselves by combining the Edge platform with private or partner apps, or have it delivered by Schneider Electric.

For more information, refer to the recommended software associations for Harmony Industrial PC selection guide on [page 1/6](#).



Harmony Industrial PCs → Software validated and cybersecured, helping to prevent potential compatibility issues, thus saving time and effort

Harmony iPC

Industrial PC, Edge Box, and Display

Recommended associated software for Harmony Industrial PCs

Numerous software applications can run on Harmony P6 Industrial PCs and Edge Box with Windows 10, Schneider Electric EdgeOS or Linux operating systems for digital plants and machines. The table below shows some examples of recommended associations and delivery models.

Domain	Workforce empowerment				Smart design & engineering				Cybersecurity		Investment continuity		
Software name	EcoStruxure Operator Terminal Expert	EcoStruxure Machine SCADA Expert	AVEVA System Platform	EcoStruxure Edge Apps	EcoStruxure Automation Expert			EcoStruxure Plant Data Expert	EcoStruxure Clean in Place Advisor	ProLeiT by Schneider Electric	EcoStruxure Equipment Efficiency Advisor	EcoStruxure Secure Connect	Stratus EverRun
Software Runtime license for Industrial PC		1.5K and 4K tags 32K and 64K tags	AVEVA installer		HMI Runtime	SoftdPAC Windows	SoftdPAC Linux	Essential Node RED	Performance (2)		EcoStruxure Machine SCADA Expert + Template	EcoStruxure Secure Connect	Stratus EverRun

Harmony HMIPSO (Windows)	–	✓✓✓	✓✓	–	–	✓	–	✓	–	–	–	–	–
	–	Configured-to-order with software license (1)		–	–	On request (2)		–	User installable (with limited support)	–	–	–	–
	–	2/2 to 2/6		–	–	2/2 to 2/6		–	2/2 to 2/6	–	–	–	–

Essential Edge Box	–	–	–	–	–	–	✓✓✓	–	–	–	–	✓✓✓	–
	–	–	–	–	–	–	Pre-installed EcoStruxure Automation Expert, Runtime licenses need to purchased separately by customer, basic system configuration	–	–	–	–	User installable and starter kit available	–
	–	–	–	–	–	–	3/2 and 3/3	–	–	–	–	3/2 and 3/3	–

Configured Standard Harmony P6 iPC (i3 and Windows 10)	✓	✓✓✓	✓✓	✓	✓✓✓	✓✓✓	–	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	
	Configured-to-order with software license + software pre-installed (1)	Configured-to-order with software license + software pre-installed (1)		Configured-to-order for standalone applications (AVEVA installer delivered pre-installed, ready to use)	Configured-to-order with software license (1)	On request (2)		On request with dedicated operating system (2)	Pre-installed	User installable or Edge Platform (2)	User installable with Solution guides	See Lite SCADA/EcoStruxure Machine SCADA Expert	User installable	User installable with User guide

Configured Advanced Harmony P6 iPC (Celeron, i5, i7 CPUs and Windows 10)	✓	✓✓✓	✓✓✓	✓	✓✓✓	✓✓✓	–	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓	
	Configured-to-order with software license + software pre-installed (1)	Configured-to-order with software license + software pre-installed (1)		Configured-to-order for standalone applications (AVEVA installer delivered pre-installed, ready to use)	Configured-to-order with software license (1)	On request (2)		On request with dedicated operating system (2)	Pre-installed	User installable or Edge Platform (2)	User installable with Solution guides	See Lite SCADA/EcoStruxure Machine SCADA Expert	User installable	User installable with User guide

Harmony P6 Basic Box iPC	✓✓✓	✓✓✓	–	–	–	✓✓	–	–	✓✓	✓	✓✓✓	✓	
	Configured-to-order with software license + software pre-installed (1)	Configured-to-order with software license + software pre-installed (3)		–	–	On request (2)		–	Pre-installed	User installable or Edge Platform (2)	User installable with Solution guides	User installable	User installable with User guide

(1) Configured-to-order: License delivered in the iPC packaging + software pre-installed in Harmony P6.

(2) On request: Please contact our Customer Care Center.

✓✓✓ Highly recommended ✓✓ Recommended ✓ Acceptable

For more information on supported software, refer to the following catalogs:

EcoStruxure Machine SCADA Expert ([DIA5ED2171201EN](#))

EcoStruxure Secure Connect ([DIA5ED2190101EN](#))

EcoStruxure Automation Expert ([DIA3ED2201101EN](#))

Vijeo Designer ([DIA5ED2130614EN](#))



02

Harmony HMIPSO S-Panel PCs

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony HMIPSO S-Panel PCs

Harmony HMIPSO S-Panel PCs

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Harmony iPC

Industrial PC, Edge Box, and Display

Harmony HMIPSO S-Panel PCs

HMIPSO Optimized

Type of Harmony iPC

Harmony HMIPSO Optimized S-Panel PCs



Fanless		
Mounting type		
Screen	Type	LED LCD 5-point multi-touch projected capacitive technology screen
	Size	W 10.1"
	Resolution	HD WSVGA, 1280 × 800 pixels, 267,000 colors
	Degree of protection	IP66 front panel, NEMA 4X indoor, and 7H hardness anti-scratch
	Viewing angle	Vertical 160°, horizontal 160°
	Backlight	Life span > 50,000 hrs @ 25 °C/77 °F
	Operate with water on screen	Yes
CPU	Processor	Intel® Atom E3827 dual-core (1.75 GHz, low power)
	Storage	Main drive SSD flash disk ≥ 128 GB (5-year manufacturer warranty and 1.5 million hours MTBF) (1)
	Slots	<input type="checkbox"/> 1x CFast card slot <input type="checkbox"/> 1x 2.5" SATA HDD/SSD storage slot, user-accessible (1)
	Expansion kit (1)	Default
	RAM	4 GB DDR3 (not user-expandable)
	Integrated ports	<input type="checkbox"/> 2x RJ45 Ethernet 10/100/1,000 Mbps <input type="checkbox"/> 1x USB 3.0 (Type A), 1x USB 2.0 (Type A) <input type="checkbox"/> 1x RS-232, 1x RS-232C/422/485
	Watchdog timer	Timer with 255 levels/intervals, programmable, 1...255 s
Operating system	Windows 10 IIoT Enterprise (64-bit Multi-language)	
Power supply	Supply voltage	24 V ... (± 20%). AC power supply with external AC/DC power adapter HMIYPSOMAC1
	Current consumption	1.9 A typical
Dimensions	Overall (W × H × D)	283.1 × 202.3 × 61.3 mm (11.15 × 7.96 × 2.41 in.)
	Mounting cut-out (W × H) with snap hook (3)	274.6 × 193.8 mm (10.81 × 7.63 in.)
Temperature	During operation (1)	0...55 °C/32...131 °F
	During storage	-30...70 °C/-22...158 °F
Vibration resistance	During operation	2 g from 5...500 Hz with SSD/CFast and 1 g from 5...500 Hz with HDD
Standards and certifications	CE, cULus ITE (UL IT 60950, CSAIT 60950), RCM, EAC, CCC, FCC (part 15 EMC Class A)	
Software	EcoStruxure Operator Terminal Expert (2) EcoStruxure Machine SCADA Expert (4), EcoStruxure Secure Connect (5)	
References	HMIPSOS552D1801	
Pages	2/5	
Configured-to-order	See configured Harmony Optimized S-Panel PC on page 2/8	

(1) HMIYPADPSOST1 expansion kit for HMIPSO allowing 1 SATA HDD/SSD slot and 1 mini PCIe slot with its optional interface slot. Mini PCIe is limited to 0...45° C/32...113° F operating temperature.

(2) EcoStruxure Operator Terminal Expert Run Time: The demo version can be used temporarily without activation (installation file can be downloaded from www.se.com) and can be upgraded to unlimited version by purchasing the digital license HMIRTWCZLSPAZZ.

(3) Snap hook allows mounting of S-Panel PC in the panel cut-out single-handedly.

Harmony HMIPSO Optimized S-Panel PCs



Harmony HMIPSO Optimized S-Panel PCs		
Fanless		
Screen	Type	LED LCD 5-point multi-touch projected capacitive technology screen
	Size	W 10.1"
	Resolution	HD WSVGA, 1280 × 800 pixels, 267,000 colors
	Degree of protection	IP66 front panel, NEMA 4X indoor, and 7H hardness anti-scratch
	Viewing angle	Vertical 160°, horizontal 160°
	Backlight	Life span > 50,000 hrs @ 25 °C/77 °F
	Operate with water on screen	Yes
CPU	Processor	Intel® Atom E3827 dual-core (1.75 GHz, low power)
	Storage	HDD hard disk ≥ 500 GB Enterprise 24/7 (1)
	Slots	<input type="checkbox"/> 1x CFast card slot <input type="checkbox"/> 1x 2.5" SATA HDD/SSD storage slot, user-accessible (1)
	Expansion kit (1)	Default
	RAM	4 GB DDR3 (not user-expandable)
	Integrated ports	<input type="checkbox"/> 2x RJ45 Ethernet 10/100/1,000 Mbps <input type="checkbox"/> 1x USB 3.0 (Type A), 1x USB 2.0 (Type A) <input type="checkbox"/> 1x RS-232, 1x RS-232C/422/485
	Watchdog timer	Timer with 255 levels/intervals, programmable, 1...255 s
Operating system	Windows 10 IIoT Enterprise (64-bit Multi-language)	
Power supply	Supply voltage	24 V ... (± 20%). AC power supply with external AC/DC power adapter HMIYPSOMAC1
	Current consumption	1.9 A typical
Dimensions	Overall (W × H × D)	283.1 × 202.3 × 61.3 mm (11.15 × 7.96 × 2.41 in.)
	Mounting cut-out (W × H) with snap hook (3)	274.6 × 193.8 mm (10.81 × 7.63 in.)
Temperature	During operation (1)	0...45 °C/32...113 °F
	During storage	-30...70 °C/-22...158 °F
Vibration resistance	During operation	2 g from 5...500 Hz with SSD/CFast and 1 g from 5...500 Hz with HDD
Standards and certifications	CE, cULus ITE (UL IT 60950, CSAIT 60950), RCM, EAC, CCC, FCC (part 15 EMC Class A)	
Software	EcoStruxure Operator Terminal Expert (2) EcoStruxure Machine SCADA Expert (4), EcoStruxure Secure Connect (5)	
References	HMIPSOH552D1801	
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Configured-to-order	See configured Harmony Optimized S-Panel PC on page 2/8	

(4) EcoStruxure Machine SCADA Expert Run Time with configured-to-order Harmony S-Panel PCs.

(5) To be installed and activated with subscription.

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony HMIPSO S-Panel PCs

HMIPSO Optimized



Harmony HMIPSO Optimized S-Panel PC

2

Presentation

Harmony HMIPSO Optimized S-Panel PCs are the entry-level Panel PCs in the Harmony iPC range. These simple-in-design PCs with Intel™ Atom dual-core CPU cater for the performance requirements of most automation applications in the field.

Harmony Optimized S-Panel PCs offer improved application and operator efficiency with:

- 10" wide TFT multi-touch screens, LED backlight, IP66 protection, and 7H hardness anti-scratch front
- Maintenance-free non-rotating parts and operation up to +55 °C/131 °F (or up to +45 °C/113 °F for models with HDD or mini PCIe)
- Integration of software applications such as HMI EcoStruxure Operator Terminal Expert software and third-party Windows software
- Expansions with optional interfaces based on mini PCIe (Com, USB, HD audio, video, networks, wireless, etc.)
- Available with Windows 10 or without an operating system in Configured-to-order offer

Overview of the offer

Harmony HMIPSO Optimized

The Harmony HMIPSO Optimized S-Panel PCs offer comprises four references, each equipped with:

- Fanless Intel® Atom E3827 dual-core processor (1.75 GHz)
- 4 GB DDR3 RAM, default mounted
- Connection ports: 1x USB 3.0, 1x USB 2.0, 2x COM (RS-232/422/485), 2 Gigabit Ethernet
- Expansion kit (depending on model): 1x optional/default kit allowing 1x SATA HDD/SSD slot and 1x mini PCIe slot with its optional interface slot
- Power supply: 24 V --- , AC power supply with external AC/DC power adapter **HMIYPSOMAC1**

The operating systems and storage devices for 10" touch screens are as follows:

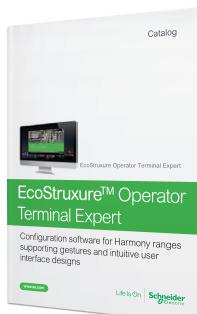
- **HMIPSOS552D1801**
 - Operating system: Windows 10 IoT Enterprise (64-bit Multi-language)
 - Default storage device: 128 GB SSD (5-year manufacturer warranty and 1.5 million hours MTBF)
 - Expansion kit: **HMIYPADPSOSTO1**
- **HMIPSOH552D1801**
 - Operating system: Windows 10 IoT Enterprise (64-bit Multi-language)
 - Default storage device: 500 GB HDD (Enterprise 24/7)
 - Expansion kit: **HMIYPADPSOSTO1**
- **HMIPSO0552D1001**
 - Operating system: None
 - Default storage device: None

Ready-to-run software for Harmony HMIPSO

Harmony HMIPSO Optimized S-Panel PCs are supported by Schneider Electric HMI software. For HMI applications, the EcoStruxure Operator Terminal Expert Run Time demo version can be downloaded and activated to the unlimited version with **HMIRTWCZLSPAZZ** (digital) license. For line management and lite supervision, EcoStruxure Machine SCADA Expert Run Time is available via the Configured-to-order process.

For secure remote access, Harmony HMIPSO PCs are supported with EcoStruxure Secure Connect that will have to be installed and activated with subscription.

For more information on the supported software, refer to the following catalogs



DIA5ED2140703EN



DIA5ED2171201EN

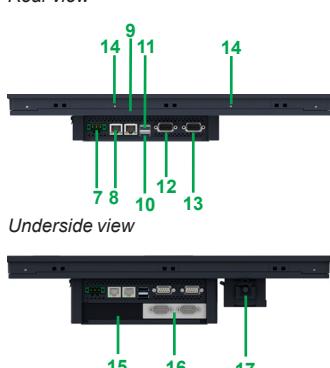
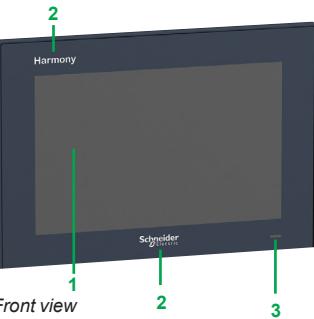


DIA5ED2190101EN

Description, References

Harmony iPC

Industrial PC, Edge Box, and Display Harmony HMIPSO S-Panel PCs HMIPSO Optimized



Underside view with expansion kit



HMIPSO552D1801



HMIPSO552D1801

Description

Harmony HMIPSO Optimized

Front view

- 1 10" LCD multi-touch LED screen, HD WSVGA, 1280 × 800 pixels, and 267,000 colors for **HMIPSO•552D1•01**:
- Brightness: 300 cd/m² (adjustable)
- Type of touch panel: 5-point projected capacitive technology multi-touch
- Typical viewing angle: 160° (vertically)/160° (horizontally)

- 2 Harmony and Schneider Electric removable stickers

- 3 Power status indicator (Green: On; Orange: Stand-by; No light: Off)

Rear view (1)

- 4 Optional AC power supply
- 5 S-Panel PC interface
- 6 Cover for mini PCIe card and HDD/SSD drive

Underside view

- 7 DC power connector
- 8 1x Eth1 (10/100/1,000 Mbps)
- 9 1x Eth2 (10/100/1,000 Mbps)
- 10 1x USB2 (USB 2.0)
- 11 1x USB1 (USB 3.0)
- 12 1x COM2 RS-232/422/485 port
- 13 1x COM1 RS-232 port
- 14 Snap hook (2)
- 15 Expansion kit
- 16 Optional interface
- 17 Optional AC power supply

Harmony HMIPSO Optimized

(Intel Atom E3827 dual-core processor, 1.75 GHz)

Supply voltage	Operating system	Software	Storage	DDR3 RAM (5)	Reference	Weight kg/lb
24 V --- (6)	Windows 10 IoT Enterprise (64-bit Multi-language)	EcoStruxure Operator Terminal Expert Run Time Demo (3), EcoStruxure Secure Connect (4), IIoT monitor with Node-RED	SSD flash disk ≥ 128 GB with 1.5 million hours MTBF (mounted in expansion kit)	4 GB	HMIPSO552D1801	2.50/ 5.51
			HDD hard disk ≥ 500 GB (mounted in expansion kit)	4 GB	HMIPSOH552D1801	2.50/ 5.51
				4 GB	HMIPSO0552D1001	2.50/ 5.51

(1) Cooling method is by passive heat sink.

(2) Snap hook allows mounting of S-Panel PC in the panel cut-out single-handedly.

(3) EcoStruxure Operator Terminal Expert Run Time: The demo version can be used temporarily without activation (installation file can be downloaded from www.se.com) and can be upgraded to the unlimited version by purchasing the digital license HMIRTWCZLSPAZZ.

(4) To be installed and activated with subscription.

(5) 4 GB DDR3 RAM is not user-expandable.

(6) AC power supply with external AC/DC power adapter HMIYPSMAC1 (not available in Europe).

References

Harmony iPC

Industrial PC, Edge Box, and Display Harmony HMIPSO S-Panel PCs

Separate components



HMIYSSDS240S1



HMIYMINNVRAM1



HMIYMINSL24851



HMIYMINSL22321



HMIYMINPRO1



HMIYMINUSB1

HMIYMINWIFI2

HMIYMINETH1

HMIYMINUSB1

HMIYCABWIFIAN51

HMIYMINDVI1

HMIYMINIO1

Separate components				
Description	Details	Compatible with Optimized HMIPSO	Reference	Weight kg/lb
Drives				
Blank CFast card	32 GB	Yes	HMIYCFAS2	–
Blank SSD with mounting screws	128 GB	All models (1)	HMIYSSDS080S1	–
	256 GB	All models (1)	HMIYSSDS240S1	–
Blank HDD				
	Spare 1 TB HDD, blank	All models (1)	HMIYHDD01T21	–
	Spare 500 GB HDD, blank	All models (1)	HMIYHDD50021	–
Interfaces				
NVRAM interface	Mini PCIe with non-volatile RAM, without external connectors	Yes (1)	HMIYMINNVRAM1	–
HDMI to DVI interface	HDMI to DVI interface	–	HMIYADHDMIDVIS1	–
2 RS-422/485 isolated interface	Mini PCIe with 2x RS-422/485, isolated external interface with connectors	Yes (1)	HMIYMINSL24851	–
4 RS-422/485 interface	Mini PCIe with 4x RS-422/485, external interface with connectors	Yes (1)	HMIYMINSL44851	–
2 RS-232 isolated interface	Mini PCIe with 2x RS-232, isolated external interface with connectors	Yes (1)	HMIYMINSL22321	–
4 RS-232 interface	Mini PCIe with 4x RS-232, external interface with connectors	Yes (1)	HMIYMINSL42321	–
1 Profibus DP Primary NVRAM interface	Mini PCIe with 1x Profibus DP Primary, non-volatile RAM, external interface with connectors	Yes (1)	HMIYMINPRO1	–
2 CANopen/CAN bus interface	Mini PCIe with 2x CAN fieldbus, external interface with connectors, drivers for CANopen and CAN bus	Yes (1)	HMIYMINCAN1	–
RJ45 Ethernet interface	Mini PCIe, 1x RJ45 Ethernet interface	Yes (1)	HMIYMINETH1	–
2 USB 3.0 interface	Mini PCIe with 2x USB 3.0, external interface with connectors	Yes (1)	HMIYMINUSB1	–
WiFi interface access point and 2x antennas	Kit with mini PCIe WiFi access point (with Windows 10) + bluetooth and 2x antennas	Yes (1)	HMIYMINWIFI2	–
Remote wireless LAN antenna cable	5 m/16.4 ft cable to mount a WiFi antenna remotely from Harmony iPC	Yes (1)	HMIYCABWIFIAN51	–
Mini PCIe DVI-I interface for iPC	Mini PCIe graphics video card, Full HD 1920 x 1080, with DVI-I connector on an external interface (providing both dual digital and analog signals)	Yes	HMIYMINDVI1	–

(1) Require expansion kit ([HMIYPADPSO1](#)) for HMIPSO Optimized S-Panel PC.

Note: The separate components may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony HMIPSO S-Panel PCs

Separate components



PF121377A
HMIYUSBBK111



PF143586A
HMIYPSOMAC1

Separate components (continued)

Description	Details	Compatible with Optimized HMIPSO	Reference	Weight kg/lb
Accessories				
USB key blank for iPC recovery	Spare USB memory key blank (1)	All models	HMIYUSBBK111	–
AC/DC power adapter 110/220 V ~ to 24 V ...	External AC power adapter which can be mounted on the rear side of HMIPSO, provided with US and European power cord	Yes	HMIYPSOMAC1	–
Expansion kit	Optional expansion kit offering 1 slot for storage drive HDD/SSD and 1 mini PCIe slot with 1 optional interface plate	Yes	HMIYPADPSOSTO1	–
Software (2)				
EcoStruxure Operator Terminal Expert Run Time license	Converts the 21-day trial version of EcoStruxure Operator Terminal Expert Run Time Demo to an unlimited license	All models that support EcoStruxure Operator Terminal Expert HMI software	HMIRTWCZLSPAZZ (Digital)	–
EcoStruxure Secure Connect	For HMI secure remote access	All models that support EcoStruxure Secure Connect	VJOCNT (3)	–

(1) *USB key including restore image for recovery is supplied with each unit. The spare blank key is only necessary if the default key supplied with the unit is lost.*

(2) *EcoStruxure Machine SCADA Expert available with Configured-to-order (see page 2/8).*

(3) *For more information, please refer to EcoStruxure Secure Connect catalog ([DIA5ED2190101EN](#)).*

(4) *Not available in Europe.*

Note: The separate components may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

Configured-to-order Harmony HMIPSO S-Panel PCs

"Configured-to-order" Industrial PCs offer a vast number of configuration combinations for Harmony iPCs with certifications. The Schneider Electric Customer Care Center can help you configure the right Harmony iPC based on your automation application and provide a quotation. A Web Configurator <https://www.hmisource.com/wvipcc> is also available to help you easily build the configuration (password = Magelis).

Our Customer Care Center or the Web Configurator will provide the complete parts list for the configured Harmony S-Panel PC and a configuration code that will be the part number of the Harmony iPC.

Ordering procedure for a configured Harmony Panel PC

If you have built your Harmony iPC configuration with the Web Configurator:

- 1 Please forward the e-mail received from the Web Configurator to our Customer Care Center. This e-mail contains a PDF file with your configuration description and part number code.
- 2 If required, specify the Schneider Electric commercial reference root part number GCR_HMIPCCP2.

If you cannot access the Harmony iPC Web Configurator:

- 3 Please contact our Customer Care Center and state the reference root part number GCR_HMIPCCP2.
- 4 Configure your Harmony Panel PC (see table below) and get your quote with the support of our Customer Care Center.
- 5 Confirm your order.

Configured-to-order options for Harmony HMIPSO S-Panel PCs

Option	Description
Panel PC	Optimized S-Panel PC DC 4 GB RAM W10" - WXGA Enclosed Panel PC Performance DC 8 GB RAM W19" - FWXGA
Fanless ULV CPU	Performance Core i3-4010U dual-core Optimized Atom-E3827 dual-core
Power supply	DC (1)
Windows operating system	None Windows 10 IoT Enterprise (64-bit Multi-language)
Main storage device for operating system	None CFast 32 GB HDD 500 GB/1 TB SSD 128 GB/256 GB
Optional interfaces (pre-mounted)	None NVRAM 2x RS-422/485 isolated/4x RS-422/485 2x RS-232 isolated/4x RS-232 16x DI/8x DO Audio Video (DVI and VGA ports) Cellular 3G/4G Wireless LAN + 2x antennas 2x CANopen/CAN bus 1x Ethernet RJ45 Profibus DP Primary with NVRAM
Software bundle	None EcoStruxure Operator Terminal Expert Run Time unlimited license EcoStruxure Machine SCADA Expert 1,500 tags Run Time license EcoStruxure Machine SCADA Expert 4,000 tags Run Time license EcoStruxure Machine SCADA Expert 64,000 tags Run Time license

(1) AC power supply with external AC/DC power adapter HMIYPSMAC1 (not available in Europe).

03

Harmony BX1 Essential Edge Box

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony Essential Edge Box

Harmony BX1 Essential Edge Box

<i>Selection guide</i>	<i>page 3/2</i>
■ Presentation	<i>page 3/4</i>
■ Description	<i>page 3/5</i>
■ References	
□ Harmony BX1	<i>page 3/5</i>

Harmony iPC

Industrial PC, Edge Box, and Display

Essential Edge Box

Harmony BX1

Type of Harmony Edge Box

Fanless

Mounting	Box Panel PC
----------	-----------------

Processor	
-----------	--

Expansion slots	
-----------------	--

CPU	Main drive Storage
-----	-----------------------

RAM/MRAM	Slots
----------	-------

Hot-swap RAID HDD and battery backup	
--------------------------------------	--

Cybersecurity encryption

Operating system

Conformal coating

Supply voltage

Power consumption

Ethernet	
----------	--

Serial ports	
--------------	--

CAN bus	
---------	--

USB	
-----	--

Interface	Embedded I/O
-----------	--------------

Video interface	
-----------------	--

WLAN embedded	
---------------	--

Antenna connectors	
--------------------	--

Watchdog timer	
----------------	--

Reset button

Overall dimensions (W x H x D)

Temperature	During operation
-------------	------------------

During storage	
----------------	--

Vibration resistance	During operation
----------------------	------------------

Standards and certifications

Software, IIoT, and cybersecurity

References

Page

(1) EcoStruxure Secure Connect license is an optional software. It has to be purchased or downloaded from our website www.se.com. Only v11.2 or later version of the EcoStruxure Secure Connect software is supported on the HMIBX1A0NDA.

Harmony BX1



★★★★★

DIN rail

No

ARM Cortex-A53 quad core 1.6 GHz NXP i.MX8M Plus

2x Mini PCIe connector (USB signal)

32 GB eMMC (soldered)

1x microSD, 1x micro SIM slot

4 GB RAM LPDDR4 (internal, not expandable)

–

TPM module (pre-installed)

Linux Debian 12

No

9...36 V

24 W

2x RJ45 Ethernet 10/100/1,000 Mbps

2x RS-232/422/485 switchable, Phoenix connector (cable length must be less than 30 m/98 ft)

2x CAN-FD x 2 CH, Phoenix connector

2x USB 3.0

8x GPIO (Digital General Purpose I/O)

1x HDMI (for configuration only)

–

1x for WLAN antenna, 1x for GPRS antenna

Timer with 255 levels/intervals, programmable, 1...255 s

Yes

140.76 x 98.2 x 48 mm/5.54 x 3.86 x 1.89 in.

-10...55 °C/14...131 °F

-40...80 °C/-40...176 °F

IEC/EN 61131-2 compliant

5...9 Hz single amplitude 3.5 mm/0.14 in.

9...150 Hz fixed acceleration: 9.8 m/s²

X, Y, Z directions for 10 cycles (approximately 100 minutes)

CE, UKCA, RCM

Secure password boot, EcoStruxure Automation Expert, and EcoStruxure Secure connect (1)

HMIBX1A0NDA

3/5

More technical information on www.se.comMore technical information on www.se.com

Harmony iPC

Industrial PC, Edge Box, and Display

Essential Edge Box

Harmony BX1

Harmony Industrial PC driving
software-centric industrial
automation system



Harmony BX1



EcoStruxure Secure Connect



EcoStruxure Automation Expert

Presentation

Harmony BX1 comes with SoftdPAC pre-installed, allowing you to use an open, interoperable, and portable industrial automation system with IEC 61499 at its core. EcoStruxure Automation Expert takes an event-driven, decentralized, and open approach to automation engineering. Hardware and software are decoupled, making the system agile, simple, and future-ready.

It facilitates easy-to-integrate IT applications, tools, and technologies for industrial use. This native IT/OT convergence enables you to seamlessly integrate the incredible advancements we see in modern information systems into control architectures without incurring significant engineering effort or introducing the technical debt of highly coupled, non-cohesive system designs.

EcoStruxure Automation Expert natively supports asset-centric design methodologies. Applications are created with ready-to-use asset models. This helps to eliminate low-value tasks and makes it easy to wrap and reuse portable automation objects for maximum engineering efficiency. That gets you up and running sooner and frees your resources to focus on high-value engineering and innovation.

Its Linux OS provides an inclusive operating environment.

Overview of the offer

Harmony Essential Edge Box

The Harmony Essential Edge Box offer comprises one product reference, equipped with:

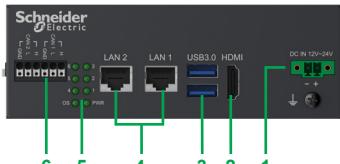
- Fanless Qualcomm ARM Cortex-A53 quad-core processor up to 1.6 GHz ARM
- Linux Debian 12 operating system
- EcoStruxure Automation Expert v24.0 as the default software package
- EcoStruxure Secure connect v11.2 as optional software package
- 32 GB eMMC (soldered) data storage equipment
- 4 GB RAM LPDDR4 internal (not expandable) memory
- Free slots: 1x microSD SD 3.0, with 104 Mbps transfer rate, and supports SD, SDHC, SDXC
- Expansion slots: 2x Mini PCIe connector (USB signal)
- 1920 x 1080 pixel display resolution at 60 Hz
- 1x HDMI connector for display
- 2x RJ45 SMSC LAN7500 for Ethernet
- 2x USB 3.0 Type A
- TPM connector v2.0 TPM module by default motherboard
- DIN rail mounting

Description

Harmony BX1

Front view

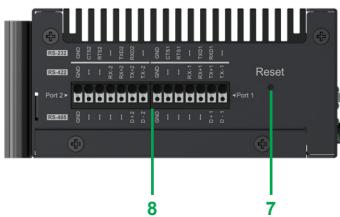
- 1 DC power
- 2 HDMI port
- 3 USB 3.0 ports
- 4 2x Giga LAN ports
- 5 LED indicators
- 6 2x CAN-FD ports (1)



Front view of Harmony BX1

Top view

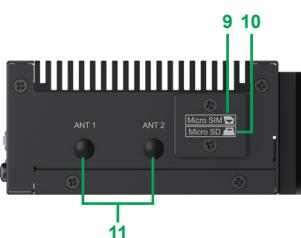
- 7 Reset button (2)(3)
- 8 2x RS-232/422/485 ports



Top view of Harmony BX1

Underside view

- 9 Micro SIM slot (1)
- 10 Micro SD slot (4)
- 11 3x antenna connectors (1)



Underside view of Harmony BX1

Harmony BX1

Qualcomm ARM Cortex-A53 quad-core processor up to 1.6 GHz/24 V ... supply voltage (5)

Operating system	Software	Storage disk	LPDDR4 RAM (6)	Reference	Weight kg/lb
Linux Debian 12	EcoStruxure Automation Expert v24.0	32 GB eMMC	4 GB	HMIBX1A0NDA	0.95/ 2.09

- (1) Currently not supported with the pre-installed EcoStruxure Automation Expert Soft dPAC version. For usage of these interfaces, please contact our Customer Care Center.
- (2) Use of the Reset button may lead to a system reboot and may affect system operation.
- (3) To reboot the product, press the button five times in a row with an interval of less than 0.5 seconds.
- (4) Currently not supported and is not for general purpose usage.
- (5) AC with additional power supply module.
- (6) Memory is not user-expandable.



04

Harmony P6 Modular Box PCs

Harmony P6 Modular Displays

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays

Harmony P6 Modular Box PCs

Selection guide	page 4/2
■ Presentation	
□ Overview of the offer	page 4/6
■ Ready-to-run software for Harmony P6	page 4/7
■ Description	
□ Advanced/Standard Modular Box	page 4/8
□ Basic Box	page 4/9
■ References	page 4/10

Harmony P6 Modular Displays

Selection guide	page 4/12
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4

Online Product Configurator

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□ Online Product Configurator	page 4/16
□ Harmony P6 product code example	page 4/17
■ References	
□ Configured-to-order options for Harmony P6 Modular Box PCs and Modular Displays	page 4/18
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□ Accessories for Harmony P6 Modular Box PCs and Modular Displays	page 4/21

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs

Advanced and Standard Modular Box

Type of box	Advanced Modular Box
Type of cooling	Fanless/Fan with HDD
Mounting	Box Wall/Book/Flat Panel PC, Modular Display
CPU	<p>Processor: Intel Core™ i7-8665UE, up to 4.4 GHz / Intel Core i5-8365UE, up to 4.1 GHz</p> <p>Number of cores/threads: 4/8</p> <p>Expansion slots: 1x PCI + 1x PCIe, 2x PCIe or 2x PCI</p> <p>Storage slots: 1x M.2 SSD SATA, 2x 2.5-inch SATA (HDD/SSD)</p> <p>Memory capacity: 8 to 32 GB DDR4 RAM</p> <p>RAID HDD with Intel Rapid storage: Yes</p>
Cybersecurity hardware encryption	TPM 2.0 module (pre-installed)
Operating system	Windows® 10 IoT Enterprise 2019/2021 LTSC (64-bit)/Ubuntu 22.04 LTSE (64-bit) /Schneider Electric EdgeOS (2)
Video controller type	Intel® UHD Graphics 620 (integrated in CPU)
Supply voltage	12...24 V ... or 100...240 V ~
Power consumption	121 W for DC model/140 VA for AC model
Interface	<p>Ethernet: 2x IEEE1588, RJ45 Ethernet, 10/100/1,000 Mbps, Wake-on-LAN (WOL)</p> <p>Serial ports: 1x RS-232C non-isolated</p> <p>USB: USB Type A: 2x USB 2.0 and 2x USB 3.0, USB Type C: 1x USB 3.0</p> <p>Display ports: 1x DP 1.2 (dual-mode DP++)</p> <p>Watchdog timer: System reset output, 1 sec or 1 minute with 255 levels</p>
Reset button and buzzer	Yes
Overall dimensions (W x H x D)	290 x 195 x 65 mm/11.42 x 7.68 x 2.56 in. (with no expandable slots)
Temperature	<p>During operation: Conforming to EN/IEC 60068-2-30: 0...55 °C/32...131° F (1)</p> <p>During storage: Conforming to IEC 60068-2-2/60068-2-14: -30...70 °C/-22...158 °F</p>
Vibration resistance	During operation: Conforming to IEC 60664-1: 2 g from 5...500 Hz
Standards and certifications	All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL 121201, and CSA C22.2 No. 213 DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust, DNV
Associated software	Refer to the selection guide on pages 1/6 and 1/7 for more details
Compatible with displays	All Harmony P6 displays (3) and Harmony FP6 industrial monitors
Cybersecurity	EcoStruxure Secure Connect, Secure password boot, Trellix allowlisting
References	Available as configured-to-order only and can be ordered using the online Product Selector. For more information, see page 4/16 .
Pages	4/10

(1) With HDD and fan: limited to 45 °C/113 °F.

(2) Configuration with Ubuntu or Schneider Electric EdgeOS operating system option to be available from end of Q4 2024.

(3) Except 10" W Harmony P6 display.

Advanced Modular Box	Standard Modular Box
Type of cooling	Fanless/Fan with HDD
Mounting	Wall/Book/Flat No
CPU	<p>Processor: Intel Celeron® 4305UE, up to 2.0 GHz / Intel Core i3-8145UE, up to 3.9 GHz</p> <p>Number of cores/threads: 2/2</p> <p>Expansion slots: 1x PCI + 1x PCIe, 2x PCIe or 2x PCI</p> <p>Storage slots: 1x M.2 SSD SATA, 2x 2.5-inch SATA (HDD/SSD)</p> <p>Memory capacity: 4 to 16 GB DDR4 RAM</p> <p>RAID HDD with Intel Rapid storage: Yes</p>
Cybersecurity hardware encryption	TPM 2.0 module (pre-installed)
Operating system	Windows® 10 IoT Enterprise 2019/2021 LTSC (64-bit)/Ubuntu 22.04 LTSE (64-bit) /Schneider Electric EdgeOS (2)
Video controller type	Intel UHD Graphics 610 (integrated in CPU)
Supply voltage	12...24 V ... or 100...240 V ~
Power consumption	121 W for DC model/140 VA for AC model
Interface	<p>Ethernet: 2x IEEE1588, RJ45 Ethernet 10/100/1,000 Mbps, Wake-on-LAN (WOL)</p> <p>Serial ports: 1x RS-232C (non-isolated)</p> <p>USB: USB Type A: 2x USB 2.0 and USB 3.0, USB Type C: 1x USB 3.0</p> <p>Display ports: 1x DP 1.2 (dual-mode DP++)</p> <p>Watchdog timer: System reset output, 1 sec or 1 minute with 255 levels</p>
Reset button and buzzer	Yes
Overall dimensions (W x H x D)	290 x 195 x 65 mm/11.42 x 7.68 x 2.56 in. (with no expandable slots)
Temperature	<p>Conforming to EN/IEC 60068-2-30: 0...55 °C/32...131° F (1)</p> <p>Conforming to IEC 61000-4/EN 55011: -30...70 °C/-22...158 °F</p>
Vibration resistance	Conforming to IEC 60664-1: 2 g from 5...500 Hz
Standards and certifications	All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL 121201, and CSA C22.2 No. 213 DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust, DNV
Associated software	Refer to the selection guide on pages 1/6 and 1/7 for more details
Compatible with displays	All Harmony P6 displays and Harmony FP6 industrial monitors
Cybersecurity	EcoStruxure Secure Connect, Secure password boot, Trellix allowlisting
References	Available as configured-to-order only and can be ordered using the online Product Selector. For more information, see page 4/16 .
Pages	4/10



Harmony iPCIndustrial PC, Edge Box, and Display
Harmony P6 Modular Box PCs**Basic Box**

Type of box

Basic Box - 4 Core



Number of cores	4
Type of cooling	Fanless
Mounting	Box Wall/Book/Flat Yes
CPU	Processor: Intel Atom® x6425E, up to 3.0 GHz Expansion slots: No Storage slots: 1x M.2 SSD SATA, 1x M.2 Key B, 1x SD card slot Memory capacity: 8 GB DDR4 RAM RAID HDD with Intel Rapid storage: No
Cybersecurity hardware encryption	TPM 2.0 (pre-installed)
Operating system	Windows®10 IoT Enterprise 2021 LTSC (64-bit)
Video controller type	Intel® UHD Graphics for 10th Gen Intel® Processors
Supply voltage	12...24 V
Power consumption	45 W (max.)
Interface	Ethernet: 2x IEEE1588, RJ45 Ethernet, 10/100/1,000 Mbps, Wake-on-LAN (WOL) Serial ports: 2x RS-232C/422/485 (non-isolated) USB: USB Type A: 2x USB 3.1 Gen1, USB Type C: 1x USB 3.1 Gen1 Display ports: 1x DP 1.2 (dual-mode DP++) Watchdog timer: System reset output, 1 sec or 1 minute with 255 levels
Reset button and buzzer	Yes
Overall dimensions (W x H x D)	250 x 165 x 37 mm/9.84 x 6.5 x 1.46 in.
Temperature	During operation: 0...55 °C/32°...131°F During storage: -20...60 °C/-4...140 °F
Vibration resistance	During operation: IEC/EN 61131-2 compliant, 5...9 Hz single amplitude 3.5 mm/0.14 in. 9...150 Hz fixed acceleration: 9.8 m/s ² , X, Y, Z directions for 10 cycles (approximately 100 minutes)
Standards and certifications	All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL 121201, and CSA C22.2 No. 213 DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust (1), DNV (1)
Associated software	Refer to the selection guide on pages 1/6 and 1/7 for more details
Compatible with displays	All Harmony P6 displays and Harmony FP6 industrial monitors
Cybersecurity	EcoStruxure Secure Connect, Secure password boot, Trellix allowlisting
References	Available as configured-to-order only and can be ordered using the online Product Selector. For more information, see page 4/16 .
Pages	4/11

(1) Available in Q4 2024.

Basic Box - 2 Core



Number of cores	2
Type of cooling	Fanless
Mounting	Box Wall/Book/Flat Yes
CPU	Processor: Intel Atom® x6211E, up to 3.0 GHz Expansion slots: No Storage slots: 1x M.2 SSD SATA, 1x M.2 Key B, 1x SD card slot Memory capacity: 4 GB DDR4 RAM RAID HDD with Intel Rapid storage: 8 GB DDR4 RAM
Cybersecurity hardware encryption	TPM 2.0 (pre-installed)
Operating system	Windows®10 IoT Enterprise 2021 LTSC (64-bit)
Video controller type	Intel® UHD Graphics for 10th Gen Intel® Processors
Supply voltage	12...24 V
Power consumption	45 W (max.)
Interface	Ethernet: 2x IEEE1588, RJ45 Ethernet 10/100/1,000 Mbps, Wake-on-LAN (WOL) Serial ports: 2x RS-232C/422/485 (non-isolated) USB: USB Type A: 2x USB 3.1 Gen1, USB Type C: 1x USB 3.1 Gen1 Display ports: 1x DP 1.2 (dual-mode DP++) Watchdog timer: System reset output, 1 sec or 1 minute with 255 levels
Reset button and buzzer	Yes
Overall dimensions (W x H x D)	250 x 165 x 37 mm/9.84 x 6.5 x 1.46 in.
Temperature	During operation: 0...55 °C/32°...131°F During storage: -20...60 °C/-4...140 °F
Vibration resistance	During operation: IEC/EN 61131-2 compliant, 5...9 Hz single amplitude 3.5 mm/0.14 in. 9...150 Hz fixed acceleration: 9.8 m/s ² , X, Y, Z directions for 10 cycles (approximately 100 minutes)
Standards and certifications	All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL 121201, and CSA C22.2 No. 213 DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust (1), DNV (1)
Associated software	Refer to the selection guide on pages 1/6 and 1/7 for more details
Compatible with displays	All Harmony P6 displays and Harmony FP6 industrial monitors
Cybersecurity	EcoStruxure Secure Connect, Secure password boot, Trellix allowlisting
References	Available as configured-to-order only and can be ordered using the online Product Selector. For more information, see page 4/16 .
Pages	4/11





Harmony P6 Modular Box PCs

4

Presentation

Harmony P6 connects OT (Operational Technology) in the field to IT (Information Technology) for the Industrial Internet of Things. With WiFi, Bluetooth, and Windows operating system running on an Intel Core/Celeron CPU, it is well equipped to wire the Internet of Things.

This range features interface modularity with slot-in design for HDD/SSD, optional interfaces, and optional PCI/PCIe slots for Advanced Box only. The two standard Ethernet ports allow OT and IT communications to be separated if necessary. The secure password boot and TPM encryption module afford a high level of cybersecurity by design.

Overview of the offer

Harmony P6 Modular Box PC

The Harmony P6 offer comprises Advanced and Standard boxes, each equipped with:

■ Advanced Modular Box PC

- Intel Core/Celeron processor and UHD graphics accelerator
- Operating system: Windows® 10 IoT Enterprise 2019/2021 LTSC (64-bit) or Ubuntu 22.04 LTSC (64-bit) (1) or Schneider Electric EdgeOS (1)
- Connection ports: USB Type A (2x USB 2.0 and 2x USB 3.0), USB Type C (1x USB 3.0), 1x COM RS-232C, 2x RJ45 Ethernet, 1x Display port
- Expansion slots: 1x PCI + 1x PCIe, 2x PCIe or 2x PCI
- Storage: 1x M.2 SSD SATA, 2x 2.5-inch SATA (HDD/SSD)
- Power supply: 12...24 V —, 100...240 V ~
- Default TPM module for encryption

■ Standard Modular Box PC

- Intel Core processor and UHD graphics accelerator
- Operating system: Windows® 10 IoT Enterprise 2019/2021 LTSC (64-bit) or Ubuntu 22.04 LTSC (64-bit) (1) or Schneider Electric EdgeOS (1)
- Connection ports: USB Type A (2x USB 2.0 and 2x USB 3.0), USB Type C (1x USB3.0), 1x COM RS-232C, 2x RJ45 Ethernet, 1x Display port
- Storage: 1x M.2 SSD SATA, 1x 2.5-inch SATA (HDD/SSD)
- Power supply: 12...24 V —, 100...240 V ~
- Default TPM module for encryption

■ Basic Box

- Intel Atom 1.3 GHz (2 cores)/2.0G Hz (4 cores), UHD graphics accelerator
- Operating system: Windows® 10 IoT Enterprise 2021 LTSC (64-bit)
- Memory: 4 or 8 GB DDR4 RAM
- Storage: 2x M.2 SSD SATA storage slots and SD card
- Connection ports: USB Type A (2x USB 3.0), USB Type C (1x USB3.0), 2x COM RS-232C/422/485, 2x RJ45 Ethernet, 1x Display port
- 1x interface slot
- Power supply: 12...24 V —, 100...240 V ~
- Default TPM module for encryption

Harmony P6 Modular Boxes are ordered using the Product Configurator. For more information on the configured-to-order options, see [page 4/16](#).

(1) Configuration with Ubuntu or Schneider Electric EdgeOS operating system option to be available from end of Q4 2024.

Harmony iPC

Industrial PC, Edge Box, and Display Harmony P6 Modular Box PCs



EcoStruxure Machine SCADA Expert



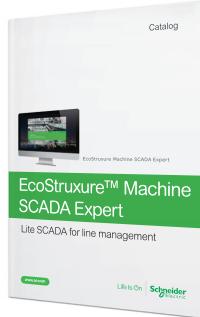
EcoStruxure Secure Connect

Ready-to-run software for Harmony P6

Harmony P6 PCs are supported by Schneider Electric HMI software. Harmony P6 PCs running EcoStruxure Machine SCADA Expert can be selected from the on-line configurator and delivered as an optimal bundle to improve your business.

For secure remote access, Harmony P6 PCs are supported with EcoStruxure Secure Connect that will have to be installed and activated with subscription.

For more information on the supported software, refer to the following catalogs:



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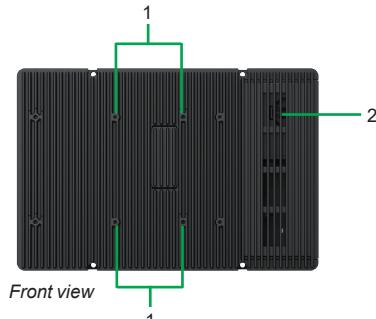


DIA5ED2190101EN

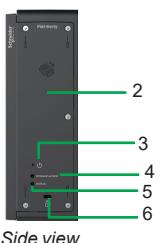
Description

Harmony iPC

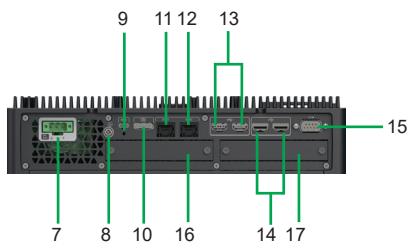
Industrial PC, Edge Box, and Display Harmony P6 Modular Box PCs



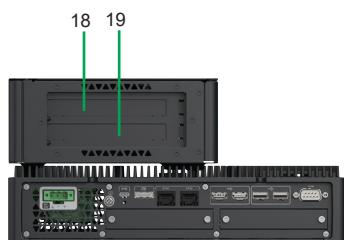
Front view



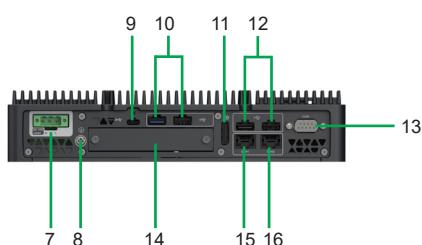
Side view



Underside view of Advanced Modular Box



Underside view of Advanced Modular Box with expansion slot and fan



Underside view of Standard Modular Box

Description

Advanced/Standard Modular Box PCs

Front view

- 1 Mounting holes for VESA 100 x 100 (1)
- 2 Maintenance hatch

Side view

- 3 Power supply button
- 4 Storage access LED
- 5 Power LED
- 6 Security lock slot (2)

Underside view of Advanced Modular Box PC

- 7 DC/AC power connector
- 8 PE terminal
- 9 USB 3.0 (Type C)
- 10 Display port
- 11 Ethernet 1 (10/100/1000 Mbps) IEEE1588
- 12 Ethernet 2 (10/100/1000 Mbps) IEEE1588
- 13 USB 3.0 (Type A) (3)
- 14 USB 2.0 (Type A) (3)
- 15 COM port RS-232C (non-isolated)
- 16 Optional interface slot 1
- 17 Optional interface slot 2
- 18 PCI/PCIe card slot 1
- 19 PCI/PCIe card slot 2

Underside view of Standard Modular Box PC

- 7 DC/AC power connector
- 8 PE terminal
- 9 USB 3.0 (Type C)
- 10 USB 3.0 (Type A) (3)
- 11 Display port
- 12 USB 2.0 (Type A) (3)
- 13 COM port RS-232C (non-isolated)
- 14 Optional interface slot
- 15 Ethernet 1 (10/100/1000 Mbps) IEEE1588
- 16 Ethernet 2 (10/100/1000 Mbps) IEEE1588

(1) For Advanced Boxes when PCI/PCIe slot is installed, VESA mounting is not possible.
(2) Only Kensington lock supported.

(3) USB storage devices that support USB 3.0 are recommended. Use USB 3.0 port to connect these storage devices.

Description (continued)

Harmony iPC

Industrial PC, Edge Box, and Display Harmony P6 Modular Box PCs



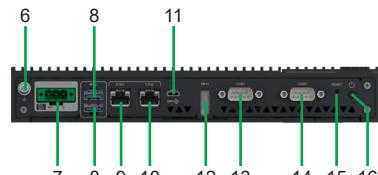
Front view of Basic box

Description

Basic Box

Front view

- 1 Optional module interface
- 2 SD slot screw
- 3 Status LED
- 4 Storage access LED
- 5 Error LED



Underside view of Basic box

Underside view

- 6 PE terminal (\pm)
- 7 DC power connector
- 8 USB 3.1 Gen1 (Type A)
- 9 Ethernet interface (ETH1)
- 10 Ethernet interface (ETH2)
- 11 USB 3.1 Gen1 (Type C)
- 12 Display port
- 13 Serial interface (RS-232C/422/485) (COM1)
- 14 Serial interface (RS-232C/422/485) (COM2)
- 15 Reset button
- 16 Power button



Side view of Basic box

Side view

- 17 SD slot cover

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs



HMIP63D10N108NEN00



HMIP63F10N108NEN00



HMIP63F10N108NEN00



HMIP63B10N108NEN00

References

Harmony P6 Modular Box PCs

Product type	Processors	Screen	Reference
Modular box PC + Touch panel screen (Panel PC)	Core i3 8145UE	16:9, 10.1" display, (1280 x 800 pixels)	HMIP63D10N108NEN00
		4:3, 12.1" display, (1024 x 768 pixels)	HMIP63E10N108NEN00
		16:9, 12.1" display, (1280 x 800 pixels)	HMIP63E10N108NEN00
		4:3, 15" display, (1024 x 768 pixels)	HMIP63T10N108NEN00
		16:9, 15.6" display, (1366 x 768 pixels)	HMIP63F10N108NEN00
		16:9, 18.5" display, (1920 x 1080 pixels)	HMIP63G10N108NEN00
		16:9, 21.5" display, (1920 x 1080 pixels)	HMIP63A10N108NEN00
Celeron 4305UE	Core i3 8145UE	4:3, 12.1" display, (1024 x 768 pixels)	HMIP6C6D0N104NJN00
		16:9, 12.1" display, (1280 x 800 pixels)	HMIP6CED0N104NJN00
		4:3, 15" display, (1024 x 768 pixels)"	HMIP6C7D0N104NJN00
		16:9, 15.6" display, (1366 x 768 pixels)	HMIP6CFD0N104NJN00
		16:9, 18.5" display, (1920 x 1080 pixels)	HMIP6CGD0N104NJN00
		16:9, 21.5" display, (1920 x 1080 pixels)	HMIP6CAD0N104NJN00
Modular box PC	Core i3 8145UE	NA	HMIP63B10N108NEN00
Celeron 4305UE			HMIP6CBD0N104NJN00



HMIP6ADB0NA0DNAN00



HMIP6A7B0NA0DNAN00



HMIP6AAB0NA0DNAN00



HMIP6ABB0NA0DNAN00

References

Harmony P6 Modular Box PCs

Product type	Processors	Screen	Reference
Modular box PC + Touch panel screen (Panel PC)	Atom 2 Cores	16:9, 10.1" display, (4096 x 2304 pixels)	HMIP6ADB0NA0DNAN00
		4:3, 12.1" display, (4096 x 2304 pixels)	HMIP6A6B0NA0DNAN00
		16:9, 12.1" display, (4096 x 2304 pixels)	HMIP6AEB0NA0DNAN00
		4:3, 15" display, (4096 x 2304 pixels)	HMIP6A7B0NA0DNAN00
		16:9, 15.6" display, (4096 x 2304 pixels)	HMIP6AFB0NA0DNAN00
		16:9, 18.5" display, (4096 x 2304 pixels)	HMIP6AGB0NA0DNAN00
		16:9, 21.5" display, (4096 x 2304 pixels)	HMIP6AAB0NA0DNAN00
Atom 4 Cores	Atom 4 Cores	16:9, 10.1" display, (4096 x 2304 pixels)	HMIP6DDB0NA0WNAN00
		4:3, 12.1" display, (4096 x 2304 pixels)	HMIP6D6B0NA0WNAN00
		16:9, 12.1" display, (4096 x 2304 pixels)	HMIP6DEB0NA0WNAN00
		4:3, 15" display, (4096 x 2304 pixels)	HMIP6D7B0NA0WNAN00
		16:9, 15.6" display, (4096 x 2304 pixels)	HMIP6DFB0NA0WNAN00
		16:9, 18.5" display, (4096 x 2304 pixels)	HMIP6DGB0NA0WNAN00
		16:9, 21.5" display, (4096 x 2304 pixels)	HMIP6DAB0NA0WNAN00
Modular box PC	Atom 2 Cores	NA	HMIP6ABB0NA0DNAN00
	Atom 4 Cores		HMIP6DBB0NA0WNAN00

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Displays

Modular Displays

Type of display	Modular Displays		Modular Displays				
Model	4:3 12" touch screen	4:3 15" touch screen	W10" touch screen	W12" touch screen	W15" touch screen	W19" touch screen	W22" touch screen
Display	TFT color LCD flat screen						
Type							
Size	4:3 12.1"	4:3 15.0"					
Resolution	XGA, 1024 x 768 pixels, 16 million colors						
Degree of protection	IP66F, IP67F, Type 1, Type 4X (NEMA indoor use only), Type 13						
Surface design	Plastic overlay						
Touch operation	Resistive analog multi-touch (2 points)						
Touch mode configuration	Not applicable because of resistive analog touch panel						
Backlight service life	50,000 hours and more						
Interface	On the front panel	1x USB 2.0 (Type A) with front USB cover					
Supply voltage	From Box PC						
Standards and certifications (when mounted on front panel of Box PC)	All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL 121201, and CSA C22.2 No. 213 DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust, DetNorske Veritas - Germanischer Lloyd (DNV-GL)		All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL 121201, and CSA C22.2 No. 213 DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust, DetNorske Veritas - Germanischer Lloyd (DNV-GL)				
Power consumption	With Advanced Modular Box	AC model: 156 VA max. DC model: 136 W max.	AC model: 161 VA max. DC model: 141 W max.	–	AC model: 158 VA max. DC model: 138 W max.	AC model: 159 VA max. DC model: 139 W max.	AC model: 170 VA max. DC model: 150 W max.
	With Standard Modular Box	AC model: 77 VA max. DC model: 68 W max.	AC model: 82 VA max. DC model: 72 W max.	AC model: 74 VA max. DC model: 65 W max.	AC model: 79 VA max. DC model: 69 W max.	AC model: 80 VA max. DC model: 70 W max.	AC model: 92 VA max. DC model: 82 W max.
Mounting	Panel PC (with Box PC)	On front enclosure or VESA 100 x 100 with mounting kit HMIYPVESA●●●●1 on rear of Box PC		On front enclosure or VESA 100 x 100 with mounting kit HMIYPVESA●●●●1 on rear of Box PC			
Dimensions	Overall dimensions (W x H x D)	315 x 241 x 32 mm/ 12.40 x 9.49 x 1.25 in.	397 x 296 x 30 mm/ 15.63 x 11.65 x 1.18 in.	268.5 x 198.5 x 30 mm/ 10.57 x 7.81 x 1.18 in.	308.5 x 230.5 x 30 mm/ 12.15 x 9.07 x 1.18 in.	408 x 264 x 30 mm/ 16.06 x 10.39 x 1.18 in.	463.6 x 293.6 x 32 mm/ 18.25 x 11.55 x 1.25 in.
	Cut-out (W x H)	301.5 x 227.5 mm/11.87 x 8.96 in.	383.5 x 282.5 mm/15.1 x 11.12 in.	255 x 185 mm/ 10.04 x 7.28 in.	295 x 217 mm/ 11.61 x 8.54 in.	394 x 250 mm/ 15.51 x 9.84 in.	449.5 x 279.5 mm/ 17.7 x 11.0 in.
Temperature	During operation	Conforming to EN/IEC 60068-2-30: 0...60 °C/32...150 °F		Conforming to EN/IEC 60068-2-30: 0...50 °C/32...122 °F			
	During storage	Conforming to IEC 61000-4/EN 55011: -30...70 °C/-22...158 °F		Conforming to IEC 61000-4/EN 55011: -30...70 °C/-22...158 °F			
Compatible with boxes	All Standard, Advanced, and Basic Modular Box PCs			All Standard, Advanced, and Basic Modular Box PCs (1)			
References	HMIDM6600TM	HMIDM6700TM		HMIDM6500WC	HMIDM6600WC	HMIDM6700WC	HMIDM6800WC
Pages	4/15			4/15			

(1) W10" HMIDM6500WC is compatible with Standard Modular Box only.





Harmony P6 Modular Displays

4

Presentation

Harmony P6 Modular Displays are monitors designed to be easily integrated with Harmony P6 Standard, Advanced, and Basic Modular Box PCs. In addition to offering multiple options, the modularity feature reduces maintenance as the display can be independently replaced without changing the complete model.

The Harmony P6 screens are certified for:

- All models: CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL121201, and CSA C22.2 No. 213
- DC models: IECEx/ATEX for use in Zone 2 gas/Zone 22 dust, DNV

Overview of the offer

Harmony P6 Modular Displays are available in 4:3 and Wide versions each equipped with:

■ 4:3 Modular Display

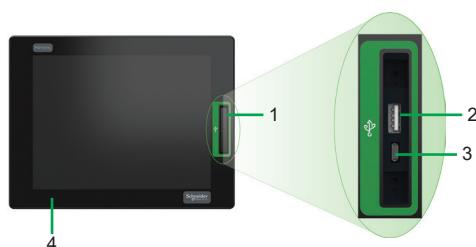
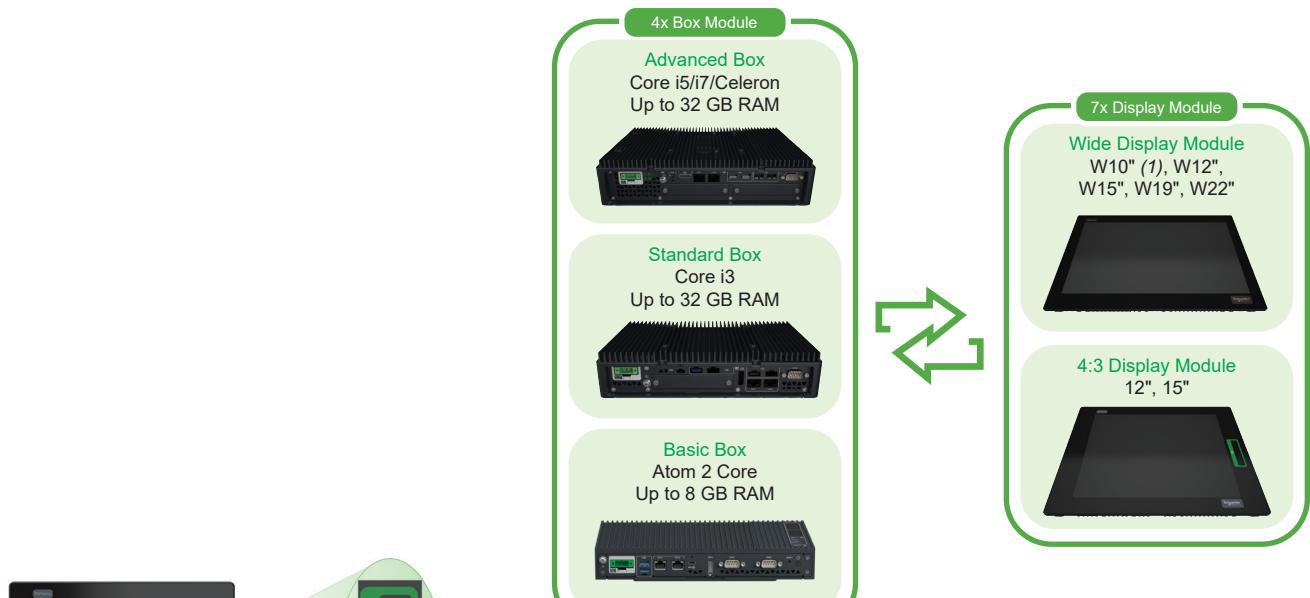
- 12.1" and 15.0" (XGA) color LCD multi-touch (2 points) analog resistive screen, 1x USB 2.0 (Type A) with front USB cover

■ Wide Modular Display

- 10.1" and 12.1" (WXGA), 15.6" (FWXGA), 18.5", and 21.5" (FHD) color LCD multi-touch (2 points) projected capacitive screens

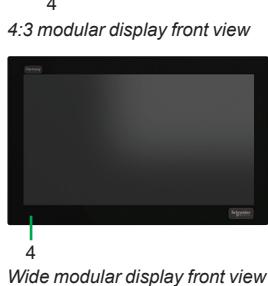
Architecture

Harmony P6 Modular Displays are compatible and easily mountable with all Harmony P6 Modular Boxes. This modularity provides a wide choice, fast delivery, and ease of screen replacement.



Description

- 1 Front USB cover
- 2 USB 2.0 (Type A) (2)
- 3 USB 2.0 Micro-B (3)
- 4 Multi-color status LED (green and orange) indicating the mode



(1) W10" HMDM6500WC is compatible with Standard Modular Box only.
(2) By default, the front USB is disabled.
(3) This interface is not usable.

P6_CPF20039



HMIDM6700TM

P6_CPF20061



HMIDM6800WC

P6_CPF21191

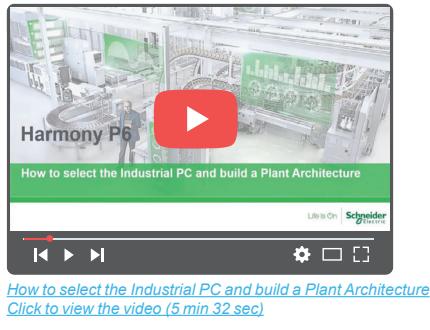


HMIDM6900WC

References

Harmony P6 Modular Displays

Description	Screen	Interface	Reference	Weight kg/lb
12" TFT LCD display flat screen	4:3 12.1", XGA (1024 x 768 pixels)	Multi-touch (2 points) analog resistive	HMIDM6600TM	2.40/5.30
15" TFT LCD display flat screen	4:3 15.0", XGA (1024 x 768 pixels)		HMIDM6700TM	3.70/8.16
W10" TFT LCD display flat screen	10.1" W, WXGA (1280 x 800 pixels)	Multi-touch (2 points) projected capacitive	HMIDM6500WC	2.00/4.41
W12" TFT LCD display flat screen	12.1" W, WXGA (1280 x 800 pixels)		HMIDM6600WC	2.60/5.73
W15" TFT LCD display flat screen	15.6" W, FWXGA (1366 x 768 pixels)		HMIDM6700WC	4.00/8.82
W19" TFT LCD display flat screen	18.5" W, FHD (1920 x 1080 pixels)		HMIDM6800WC	4.90/10.80
W22" TFT LCD display flat screen	21.5" W, FHD (1920 x 1080 pixels)		HMIDM6900WC	6.50/14.33



4

Presentation

The Harmony P6 Product Configurator is an online software tool embedded in the Schneider Electric website to help configure the right product and accessories from the extensive line-up and associated software. With this online configurator, Harmony P6 offers a smooth journey of reduced design time and multiple possibilities. This tool simplifies and expedites the ordering process via e-mail to our Customer Care Center. The final output from the configurator is an alphanumeric product code representing the configured Harmony P6 to obtain the price and place your order.

The Product Configurator offers the following benefits:

- Easy access: No login, direct access on Schneider Electric website
- Compatibilities between core product and accessories are constantly tested
- Simplified reordering, remote help, and servicing for the same product using the configurator product code

Description

Online Product Configurator

The following steps explain how to build and generate the Harmony P6 configured product code in the online Product Configurator:

- 1 Navigate to the Harmony P6 range page on www.se.com/hmiipc.
- 2 Click on "Product Configurator" and choose the CPUs, displays, power supplies, storage options, memories, optional interfaces, expansion slots, operating system, and associated software based on your requirement.
- 3 An alphanumeric product code representing the complete component selection list is automatically generated. This will be your configured product code for all future communications.

Select your Harmony P6

A Configuration area: Shows the configuration of various components like Processor name (Intel Core i5), Display size (W15"), and Main Storage (M.2 SSD 128GB (Std Endurance)).

B Components list: Shows the list of selected components including Internal drive (HMIYP6M2128CTO), Internal drive (HMIYP6SSD128CTO), and Memory SO-DIMM (HMIYP6DM4CTO).

C Configured product code: Shows the final configured product code (HMIYP65FD0N258B3X00) and an 'Add to Cart' button.

If you have built your Harmony P6 configuration with the Product Configurator:

- 4 Click on "Add to Cart" to add the configured product to the "My Products" page.
- 5 Navigate to the "My Products" cart page and download the Configuration XML file and Product List PDF.
- 6 Please email the downloaded files to our Customer Care Center and specify the Schneider Electric commercial reference part number GCR_HMIP6.

If you cannot access the Harmony P6 Product Configurator:

- 7 Please contact our Customer Care Center and state the Schneider Electric commercial reference part number GCR_HMIP6.
- 8 Configure your Harmony P6 and get the quote with the support of our Customer Care Center.
- 9 Confirm your order.

Note: All selections are preferably to be made in the Product Configurator. If you have difficulty accessing or using the Product Configurator, contact the Schneider Electric Customer Care Center or your Schneider Electric sales representative for more information about Harmony P6 ordering.

Description (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays

Online Product Configurator

My solution
Harmony P6

Parts 9

HMIYP6MPETHCTO Ethernet interface module, Harmony P6, Ex... x1
HMIYP6DM8CTO Memory SO-DIMM, Harmony P6, 8GB for c... x2
HMIDM6800WCCTO Display for 19" W, Harmony P6, 1920 x 108... x1
HMIYP6M2128LCTO Internal drive, Harmony P6, M.2 SSD, 128G... x1
HMIYP6PUDCACTO Internal 24VDC power supply for advanced ... x1
HMIVXLRT64KLV80 Runtime license, EcoStruxure Machine SCA... x1
HMIYP6OSW107CTO software, Harmony P6, Operating system, ... x1
HMIP67BCTO Modular box PC, Harmony P6, advanced Int... x1

Product code HMIP67GD0N10AE7L00

9 Items

Save | Load | Export

Description (continued)

Harmony P6 product code example

The Schneider Electric commercial reference number for Harmony P6 is GCR_HMIP6. Here is an example of the configurator product code that is generated by selecting the following options in the Product Configurator tool:

Configured product code **HMIP67GD0N10AE7L00**

- Processor: Core i7
- Display: W19"
- Power supply: 24 VDC
- Slots: 0
- Main storage: M.2 SSD 128 GB (Std Endurance)
- Secondary storage: None
- FAN: None
- Memory capacity: 16 GB
- Option: Ethernet
- Operating system: Win10 (Core i7)
- Software package: Machine SCADA Expert RT 64K

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays

Configured-to-order options

Configured-to-order options for Harmony P6 Modular Box and Modular Displays

Option	Description
Processor type	Intel Core™ i7-8665UE, up to 4.4 GHz for Advanced Modular Box Intel Core™ i5-8365UE, up to 4.1 GHz for Advanced Modular Box Intel Celeron® 4305UE, up to 2.0 GHz for Advanced Modular Box Intel Core™ i3-8145UE, up to 3.9 GHz for Standard Modular Box Intel Atom® x6425E, up to 3.0 GHz for Basic Modular Box Intel Atom® x6211E, up to 3.0 GHz for Basic Modular Box
Modular Displays	None Harmony P6 Modular Display 4:3 12"/4:3 15"- XGA Harmony P6 Modular Display W10"/W12"- WXGA Harmony P6 Modular Display W15"- FWXGA Harmony P6 Modular Display W19"/W22"- FHD
Memory capacity	4 GB for Celeron/Atom x6211E 8 GB 16 GB for Core i7/i5/i3 32 GB for Core i7/i5/i3
Power supply	12...24 VDC 100...240 VAC for Advanced/Standard Modular Box
Operating system	None Windows® 10 IoT Enterprise 2019 LTSC (64-bit) for Advanced/Standard Modular Box Windows® 10 IoT Enterprise 2021 LTSC (64-bit) Ubuntu 22.04 LTSC (64-bit) (except for Basic Modular Box) Schneider Electric EdgeOS (64-bit) for Advanced/Standard Modular Box
Main storage device for operating system	None for Advanced/Standard Modular Box 1x M.2 SSD SATA (128 GB/256 GB/512 GB) for Advanced/Standard Modular Box 2x 2.5-inch HDD (1 TB) or SSD (128 GB/256 GB/512 GB) for Advanced Modular Box 1x 2.5-inch HDD (1 TB) or SSD (128 GB/256 GB/512 GB) for Standard Modular Box 1x M.2 SSD SATA (128 GB) and 1x M.2 SSD SATA (128 GB/256 GB/512 GB) for Basic Modular Box 1x SD card slot for Basic Modular Box
Optional interfaces	None 2x RS-422/485 isolated 2x RS-232 isolated 4x RS-232C isolated for Advanced Modular Box WiFi/Bluetooth 1x Ethernet (GbE IEEE1588) Audio with Mic-IN, Line-IN, and Line-OUT for Advanced/Standard Modular Box EtherCAT for Advanced/Standard Modular Box 16x DI/8x DO for Advanced/Standard Modular Box 4G cellular with antenna for US for Advanced/Standard Modular Box 4G cellular with antenna for EU/Asia/Japan for Advanced/Standard Modular Box 4G cellular with antenna for US/EU/Asia/Japan for Basic Modular Box USB Audio Conversion Adapter
PCI slot configuration	None 1x PCI + 1x PCIe for Advanced Modular Box 2x PCIe for Advanced Modular Box 2x PCI for Advanced Modular Box
Software bundle	None EcoStruxure Operator Terminal Expert Runtime license EcoStruxure Machine SCADA Expert 500 tags Runtime license EcoStruxure Machine SCADA Expert 1,500 tags Runtime license EcoStruxure Machine SCADA Expert 4,000 tags Runtime license EcoStruxure Machine SCADA Expert 32,000 tags Runtime license EcoStruxure Machine SCADA Expert 64,000 tags Runtime license AVEVA System Platform installer Vijeo Designer EcoStruxure Edge Apps - Runtime

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays Substitution table

Current Harmony iPC		Replaced by Harmony iPC		Compatibility
Description	Reference	Description	Reference	
Harmony iPC Modular Display		Harmony P6 Modular Display		Panel cut-out
19" Wide (FWXGA)	HMIDM9521	19" Wide (Full HD)	HMIDM6800WC	Yes with adapter (HMIZPAT8W1)
15" Wide (FWXGA)	HMIDM7521	15" Wide (FWXGA)	HMIDM6700WC	Yes with adapter (HMIZPAT7W1)
15" Wide (XGA)	HMIDM7421	15" Wide (XGA)	HMIDM6700TM	Yes
12.1" Wide (XGA)	HMIDM6421	12.1" Wide (XGA)	HMIDM6600TM	Yes
12" Wide (WXGA)	HMIDM6521	12" Wide (WXGA)	HMIDM6600WC	Yes with adapter (HMIZPAT6W1)
22" Wide (Full HD)	HMIDMA521	22" Wide (Full HD)	HMIDM6900WC	Yes with adapter (HMIZPAT9W1)

Current Harmony iPC		Replaced by Harmony iPC	
Description	References	Description	References
Harmony iPC Modular Box PC		Harmony P6 Modular Box PC	
Core i7, 8 GB RAM	HMIBMP0I74D2001	Core i7, 8 GB RAM	HMIP67BD0N008NNN00
Core i7, 16 GB RAM	HMIBMP0I74D200A	Core i7, 16 GB RAM	HMIP67BD0N00ANNN00
Core i7, 8 GB RAM	HMIBMP0I74D4001	Core i7, 8 GB RAM	HMIP67BDMN008NNN00
Core i7, 16 GB RAM	HMIBMP0I74D400A	Core i7, 16 GB RAM	HMIP67BDMN00ANNN00
Core i7, 16 GB RAM	HMIBMP0I74DE00A	Core i7, 16 GB RAM	HMIP67BDEN008NNN00
Core i7, 8 GB RAM, 500 GB HDD, Windows 10	HMIBMPHI74D2801	Core i7, 8 GB RAM, 512 GB M.2, Windows 10	HMIP67BD0N408N7N00
Core i7, 8 GB RAM, 500 GB HDD, Windows 10	HMIBMPHI74D4801	Core i7, 8 GB RAM, 512 GB M.2, Windows 10	HMIP67BDMN408N7N00
Core i7, 8 GB RAM, 128 GB SSD, Windows 10	HMIBMPSI74D2801	Core i7, 8 GB RAM, 128 GB M.2, Windows 10	HMIP67BD0N108N7N00
Core i7, 8 GB RAM, 128 GB SSD, Windows 10	HMIBMPSI74D4801	Core i7, 8 GB RAM, 128 GB M.2, Windows 10	HMIP67BD0N108N7N00
Core i7, 16 GB RAM	HMIBMP0I74DI00A	Core i7, 16 GB RAM	HMIP67BDPN00ANNN00
Celeron, 4 GB RAM	HMIBMU0I29D2001	Celeron, 4 GB RAM	HMIP6CBD0N004NNN00
Celeron, 8 GB RAM	HMIBMU0I29D200A	Celeron, 8 GB RAM	HMIP6CBD0N008NNN00
Celeron, 4 GB RAM	HMIBMU0I29D4001	Celeron, 4 GB RAM	HMIP6CBDMN004NNN00
Celeron, 8 GB RAM	HMIBMU0I29D400A	Celeron, 8 GB RAM	HMIP6CBDMN008NNN00
Celeron, 8 GB RAM	HMIBMU0I29DE00A	Celeron, 8 GB RAM	HMIP6CBDEN008NNN00
Celeron, 8 GB RAM	HMIBMU0I29DI00A	Celeron, 8 GB RAM	HMIP6CBDPN008NNN00
Celeron, 4 GB RAM, 32 GB CFast, WES 7 64-bit	HMIBMUCI29D2W01	Celeron, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6CBD0N104NCN00
Celeron, 4 GB RAM, 32 GB CFast, WES 7 64-bit	HMIBMUCI29D4W01	Celeron, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6CBDMN104NCN00
Celeron, 4 GB RAM, 500 GB HDD, Windows 10	HMIBMUHI29D2801	Celeron, 4 GB RAM, 512 GB M.2, Windows 10	HMIP6CBD0N404NCN00
Celeron, 4 GB RAM, 500 GB HDD, Windows 10	HMIBMUHI29D4801	Celeron, 4 GB RAM, 512 GB M.2, Windows 10	HMIP6CBDMN404NCN00
Celeron, 4 GB RAM, 128 GB SSD, Windows 10	HMIBMUSI29D2801	Celeron, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6CBD0N104NCN00
Celeron, 4 GB RAM, 128 GB SSD, Windows 10	HMIBMUSI29D4801	Celeron, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6CBDMN104NCN00
IloT Edge 4 GB M.2 DC Windows TPM	HMIBMIEA5DD1E01	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
IloT eMMC DC Windows	HMIBMIEA5DD1101	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
IloT eMMC DC Windows	HMIBMIEA5DD110L	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
Box Atom Basic DC 4 GB, eMMC 64 GB	HMIBMIEA5DD1001	Atom 2 Cores, 4 GB RAM, 128 GB M.2	HMIP6ABB0NA0DNAN00
Box Atom Basic DC 4 GB, eMMC 128 GB	HMIBMIEA5DD100A	Atom 2 Cores, 4 GB RAM, 128 GB M.2	HMIP6ABB0NA0DNAN00
IloT Edge 4 GB M.2 DC Windows TPM	HMIBMOMA5DD1E01	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
Optimized DC 4 GB M.2 DC Windows	HMIBMOMA5DD1101	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
Box Atom Optim DC 4 GB	HMIBMO0A5DD1001	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
Optimized DC 4 GB M.2 DC Windows	HMIBMOMA5DDF10L	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
Box Atom Optimized DC 4 GB Expandable	HMIBMO0A5DDF101	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10	HMIP6ABB0NA0DNAN00
Box Atom Optimized DC 8 GB Expandable	HMIBMO0A5DDF10A	Atom 2 Cores, 8 GB RAM, 128 GB M.2	HMIP6BBB0NA0WNNN00

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays

Substitution table

Current Harmony iPC		Replaced by Harmony iPC	
Description	References	Description	References
Harmony iPC Panel PC		Harmony P6 Panel PC	
Core i3, 8 GB RAM, W15" display	HMIPSP0752D1001	Core i3, 8 GB RAM, W15" display	HMIP63F10N008NNN00 HMIZPAT7W1
Core i3, 8 GB RAM, W19" display	HMIPSP0952D1001	Core i3, 8 GB RAM, W19" display	HMIP63G10N808NNN00 HMIZPAT8W1
Core i3, 8 GB RAM, 32 GB CFast, WES 7 64-bit, W15" display	HMIPSPC752D1W01	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP63F10N108N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 32 GB CFast, WES 7 64-bit, W19" display	HMIPSPC952D1W01	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W19" display	HMIP63G10N108N3N00 HMIZPAT8W1
Core i3, 8 GB RAM, 500 GB HDD, Windows 7, W15" display	HMIPSPH752D1701	Core i3, 8 GB RAM, 512 GB M.2, Windows 10, W15" display	HMIP63F10N408N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 500 GB HDD, Windows 10, W15" display	HMIPSPH752D1801	Core i3, 8 GB RAM, 512 GB M.2, Windows 10, W15" display	HMIP63F10N408N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 500 GB HDD, Windows 7, W19" display	HMIPSPH952D1701	Core i3, 8 GB RAM, 512 GB M.2, Windows 10, W19" display	HMIP63G10N408N3N00 HMIZPAT8W1
Core i3, 8 GB RAM, 500 GB HDD, Windows 10, W19" display	HMIPSPH952D1801	Core i3, 8 GB RAM, 512 GB M.2, Windows 10, W19" display	HMIP63G10N408N3N00 HMIZPAT8W1
Core i3, 8 GB RAM, 128 GB SSD, Windows 7, W15" display	HMIPSPS752D1701	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP63F10N108N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 128 GB SSD, Windows 7, W19" display	HMIPSPS752D170L	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP63F10N108N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 128 GB SSD, Windows 10, W15" display	HMIPSPS752D1801	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP63F10N108N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 256 GB SSD, Windows 10, W15" display	HMIPSPS752D180L	Core i3, 8 GB RAM, 256 GB M.2, Windows 10, W15" display	HMIP63F10N308N3N00 HMIZPAT7W1
Core i3, 8 GB RAM, 128 GB SSD, Windows 7, W19" display	HMIPSPS952D1701	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W19" display	HMIP63G10N108N3N00 HMIZPAT8W1
Core i3, 8 GB RAM, 128 GB SSD, Windows 7, W19" display	HMIPSPS952D170L	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W19" display	HMIP63G10N108N3N00 HMIZPAT8W1
Core i3, 8 GB RAM, 128 GB SSD, Windows 10, W19" display	HMIPSPS952D1801	Core i3, 8 GB RAM, 128 GB M.2, Windows 10, W19" display	HMIP63G10N108N3N00 HMIZPAT8W1
Slim PC Atom W10"	HMIPSO0552D1001	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W10" display	HMIP6ADB0NA0DNAN00 HMIZPAT5W1
Slim PC Atom W15"	HMIPSO0752D1001	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP6AFB0NA0DNAN00 HMIZPAT7W1
Slim PC Atom W10" HDD Windows 10	HMIPSOH552D1801	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W10" display	HMIP6ADB0NA0DNAN00 HMIZPAT5W1
Slim PC Atom W10" SSD Windows 10	HMIPSO552D1801	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W10" display	HMIP6ADB0NA0DNAN00 HMIZPAT5W1
Slim PC Atom W10" CFast WES	HMIPSOC552D1W01	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W10" display	HMIP6ADB0NA0DNAN00 HMIZPAT5W1
Slim PC Atom W15" HDD Windows 10	HMIPSOH752D1801	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP6AFB0NA0DNAN00 HMIZPAT7W1
Slim PC Atom W15" SSD Windows 10	HMIPSO5752D1801	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP6AFB0NA0DNAN00 HMIZPAT7W1
Slim PC Atom W15" CFast WES	HMIPSOC752D1W01	Atom 2 Cores, 4 GB RAM, 128 GB M.2, Windows 10, W15" display	HMIP6AFB0NA0DNAN00 HMIZPAT7W1
Modular Panel W12"	HMIDM6421	Modular Panel W12"	HMIDM6600TM
Modular Panel W15"	HMIDM7421	Modular Panel W15"	HMIDM6700TM
Modular Panel W12"	HMIDM6521	Modular Panel W12"	HMIDM6600WC HMIZPAT6W1
Modular Panel W15"	HMIDM7521	Modular Panel W15"	HMIDM6700WC HMIZPAT7W1
Modular Panel W19"	HMIDM9521	Modular Panel W19"	HMIDM6800WC HMIZPAT8W1
Modular Panel W22"	HMIDMA521	Modular Panel W22"	HMIDM6900WC HMIZPAT9W1

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display Harmony P6 Modular Box PCs and Modular Displays Accessories



P6_OP20178
HMIYP6MPR23P2



P6_C21202
HMIYP6MPETH



P6_C21201
HMIYP6MPECAT



P6_C21200
HMIYP6MPAU



P6_C21199
HMIYP6MP4GE



P6_ATOM_COM_Default
HMIYP6M2R23P2

Accessories

Interfaces

Description	Details	Compatible with	Reference	Weight kg/lb
2x RS-232C isolated	2x RS-232C isolated dedicated interface options	Advanced and Standard Modular Boxes	HMIYP6MPR23P2	0.30/0.66
4x RS-232C	4x RS-232C dedicated interface options		HMIYP6MPR23P4	0.30/0.66
2x RS422/485 isolated	2x RS-485(422) isolated dedicated interface options		HMIYP6MPR42P2	0.30/0.66
WiFi/Bluetooth with antennas	WiFi/Bluetooth with antenna dedicated interface option		HMIYP6MPWF	0.30/0.66
16DI/8DO interface	16x digital inputs, 8x digital outputs with terminal unit dedicated interface option		HMIYP6MPX16Y8	0.30/0.66
1x Ethernet interface (GbE IEEE1588)	Ethernet dedicated interface option		HMIYP6MPETH	0.30/0.66
EtherCAT interface (Primary)	EtherCAT (Primary) dedicated interface option		HMIYP6MPECAT	0.30/0.66
Audio interface (Mic-IN, Line-IN, Line-IN, Line-OUT)	Audio with Mic-IN, Line-IN, and Line-OUT dedicated interface option		HMIYP6MPAU	0.30/0.66
4G interface for US	4G with antenna dedicated interface option for US		HMIYP6MP4GU	0.30/0.66
4G interface for EU/Asia/Japan	4G with antenna dedicated interface option for EU, Asia, and Japan		HMIYP6MP4GE	0.30/0.66
2x RS-232C isolated	2x RS-232C isolated dedicated interface options	Basic Modular Boxes	HMIYP6M2R23P2	0.15/0.33
2x RS422/485 isolated	2x RS-485(422) isolated dedicated interface options		HMIYP6M2R42P2	0.15/0.33
1x Ethernet interface (GbE IEEE1588)	Ethernet dedicated interface option		HMIYP6M2ETH	0.14/0.30
4G interface for US/EU/Asia/Japan	4G with antenna dedicated interface option for US, EU, Asia, and Japan		HMIYP6M24GW	0.20/0.44
WiFi/Bluetooth with antennas	WiFi/Bluetooth with antenna dedicated interface option		HMIYP6M2WF	0.18/0.39
USB Audio Conversion Adapter	USB Audio Conversion Adapter	Advanced, Standard and Basic Modular Boxes	HMIYP6CVUSAU	0.10/0.22

Note: The accessories may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays Accessories

Accessories (continued)				
Description	Details	Compatible with	Reference	Weight kg/lb
Memory				
DIMM 4 GB	4 GB, 260-pin SO-DIMM, DDR4-2400	Advanced, Standard and Basic Modular Boxes	HMIYP6DM4	0.14/0.30
DIMM 8 GB	8 GB, 260-pin SO-DIMM, DDR4-2400		HMIYP6DM8	0.14/0.30
DIMM 16 GB	16 GB, 260-pin SO-DIMM, DDR4-2400		HMIYP6DM16	0.14/0.30
Cables				
WiFi/Bluetooth antenna extension cable (2 pieces/set)	WiFi/Bluetooth extension cable 3 m/9.84 ft	Advanced, Standard and Basic Modular Boxes	HMIYP6CBWF3M	0.30/0.66
USB host extension cable	USB host extension cable 1 m/3.28 ft		XBTZGUSB	0.22/0.49
DP-DVI cable	To receive the image signal from host, active type 5 m/16.4 ft		HMIYFPCBPDV5M	0.50/1.10
4G cellular antenna extension cable (2 pieces/set)	4G cellular extension cable 3 m/9.84 ft		HMIYP6CB4G3M	0.30/0.66
Storage				
M.2 SSD 128 GB (Standard Endurance)	M.2 SSD 128 GB (Standard Endurance)	Advanced, Standard and Basic Modular Boxes	HMIYP6M2128L	0.13/0.28
M.2 SSD 128 GB (High Endurance)	M.2 SSD 128 GB (High Endurance)		HMIYP6M2128	0.13/0.28
M.2 SSD 256 GB (High Endurance)	M.2 SSD 256 GB (High Endurance)		HMIYP6M2256	0.13/0.28
M.2 SSD 512 GB (High Endurance)	M.2 SSD 512 GB (High Endurance)		HMIYP6M2512	0.13/0.28
SSD 128 GB (High Endurance)	2.5" SSD 128 GB (High Endurance)	Advanced and Standard Modular Boxes	HMIYP6SSD128	0.20/0.44
SSD 256 GB (High Endurance)	2.5" SSD 256 GB (High Endurance)		HMIYP6SSD256	0.20/0.44
SSD 512 GB (High Endurance)	2.5" SSD 512 GB (High Endurance)		HMIYP6SSD512	0.20/0.44
HDD 1 TB	2.5" HDD 1 TB		HMIYP6HDD1T	0.25/0.55
SD Card 64 GB	SD card 64 GB	Basic Modular Boxes	HMIYP6SD64GCX	0.10/0.22

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HMIYP6DM4



HMIYP6CBWF3M



HMIYP6M2128

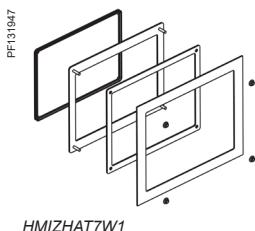
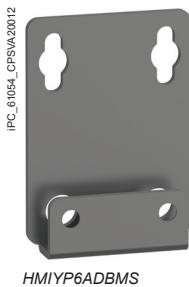


HMIYP6SSD256

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display Harmony Modular Box PCs and Modular Displays Accessories



HMIZPAT7W1

IPC_61054_CFSVA2002

Accessories (continued)

Description	Details	Compatible with	Reference	Weight kg/lb
Adapters				
Book mount adapter	Book mount adapter (Advanced Box)	Advanced Modular Boxes	HMIYP6ADBMA	1.00/2.20
Book mount adapter	Book mount adapter (Standard Box)	Standard Modular Box	HMIYP6ADBMS	1.00/2.20
Cut-out adapter for Harmony Modular/S-Panel PC (W15")	Panel cut-out adapter from Harmony HMIDM Modular Display or S-Panel (15" Wide) to Harmony P6/FP6 (15" Wide)	HMIDM Modular Display/HMIPSO S-Panel PC (W15")	HMIZPAT7W1	1.00/2.20
Cut-out adapter for Harmony Modular/S-Panel PC (W19")	Panel cut-out adapter from Harmony HMIDM Modular Display or S-Panel (19" Wide) to Harmony P6/FP6 (19" Wide)	HMIDM Modular Display/HMIPSO S-Panel PC (W19")	HMIZPAT8W1	1.10/2.43
Cut-out adapter for Harmony HMIDT752 (W15")	Panel cut-out adapter from Harmony GTU (15" Wide) to Harmony P6 (15" Wide)	HMIDT752 (W15")	HMIZHAT7W1	1.00/2.20
Cut-out adapter for Harmony HMIDT952 (W19")	Panel cut-out adapter from Harmony GTU (19" Wide) to Harmony P6 (19" Wide)	HMIDT952 (W19")	HMIZHAT8W1	1.10/2.43
Cut-out adapter for Harmony S-Panel PC (W10")	Panel cut-out adapter from Harmony S-Panel (10" Wide) to Harmony P6 (10" Wide)	HMIPSO S-Panel PC (W10")	HMIZPAT5W1	0.60/1.32
Cut-out adapter for Harmony Modular Panel PC (W12")	Panel cut-out adapter from Harmony HMIDM Modular Display (12" Wide) to Harmony P6/FP6 (12" Wide)	HMIDM Modular Display (W12")	HMIZPAT6W1	0.60/1.32
Cut-out adapter for Harmony Modular Panel PC (W22")	Panel cut-out adapter from Harmony HMIDM Modular Display (22" Wide) to Harmony P6/FP6 (22" Wide)	HMIDM Modular Display (W22")	HMIZPAT9W1	1.30/2.87
Book mount adapter	Book mount adapter (Basic Box)	Basic Modular Boxes	HMIYP6ADBMB	-

Note: The accessories may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays Accessories



PF103888
HMIZCAG7W1



P6_CP20064
HMIYP6FAN



IPC_61054_CPSVA20013
HMIYP6CLUSC

Accessories (continued)

Screen sheets

Description	Details	Compatible with	Reference	Weight kg/lb
Screen protection sheet for 12" Wide display	Disposable, dirt-resistant sheet for screen (5 sheets/set)	12" Wide Harmony P6/FP6 Modular Display	HMIZG66	–
Screen protection sheet for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	MPCYK50SPSKIT	–
Anti-glare sheet for 10" Wide display	Anti-reflection, dirt-resistant sheet for screen (5 sheets/set)	10" Wide Harmony P6/FP6 Modular Display	HMIZCAG5W1	–
Anti-glare sheet for 12" Wide display		12" Wide Harmony P6/FP6 Modular Display	HMIZCAG6W1	–
Anti-glare sheet for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	HMIZCAG7W1	–
Anti-glare sheet for 19" Wide display		19" Wide Harmony P6/FP6 Modular Display	HMIZCAG8W1	–
Anti-glare sheet for 22" Wide display		22" Wide Harmony P6/FP6 Modular Display	HMIZCAG9W1	–
Others				
M.2 cooling kit for Advanced Box	M.2 cooling kit for Advanced Box (thermal pad + heat sink)	Advanced Modular Boxes	HMIYP6HSM2A	0.20/0.44
M.2 cooling kit for Standard Box	M.2 cooling kit for Standard Box (thermal pad + heat sink)	Standard Modular Box	HMIYP6HSM2S	0.20/0.44
Trellix allowlisting license	License sticker and a USB stick with software application for Cybersecurity allowlisting	Advanced and Standard Modular Boxes	HMIYP6SLMCA	0.20/0.44
Recovery USB for Windows 10 2019 LTSC	Recovery USB for Windows 10 2019 LTSC for Harmony P6	Advanced and Standard Modular Boxes	HMIYP6RUSW10	0.30/0.66
Recovery USB for Windows 10 2021 LTSC	Recovery USB for Windows 10 2021 LTSC for Harmony P6	Advanced and Standard Modular Boxes	HMIYP6RUSW1021	0.30/0.66
Recovery USB for Windows 10 2021 LTSC	Recovery USB for Windows 10 2021 LTSC for Harmony P6	Basic Modular Boxes	HMIYP6RUSW10B	0.30/0.66
USB clamp Type A	USB clamp Type A for maintenance (5 pieces/set)	Advanced and Standard Modular Boxes	HMIZCCLUSA	0.30/0.66
USB clamp Type C	USB clamp Type C for maintenance (5 pieces/set)	Advanced and Standard Modular Boxes	HMIYP6CLUSC	0.30/0.66
Fan kit with filter	Fan kit with replacement filter (5 pieces/set)	Advanced Modular Boxes	HMIYP6FAN	1.00/2.20
M.2 cooling kit for Basic Box	M.2 cooling kit for Basic Box (thermal + screw)	Basic Modular Boxes	HMIYP6HSM2B	–
Recovery USB for Windows 10 IoT Enterprise 2021 LTSC for Basic Modular Box	Recovery USB for Windows 10 IoT Enterprise 2021 LTSC for Basic Modular Box		HMIYP6RUSW10B	–

Note: The accessories may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony P6 Modular Box PCs and Modular Displays
Accessories



HMIDM6800WC



HMIZCWG8W1



HMIZCAF1



HMIZCCNAC1

Accessories (continued)

Description	Details	Compatible with	Reference	Weight kg/lb
Harmony P6 Modular Displays				
12" Wide Modular Display	12.1" XGA display (resistive analog multi-touch)	Advanced and Standard Modular Boxes	HMIDM6600TM	2.40/5.30
15" Wide Modular Display	15" XGA display (resistive analog multi-touch)		HMIDM6700TM	3.70/8.16
10" Wide Modular Display	10.1" WXGA display (projected capacitive multi-touch)		HMIDM6500WC	2.00/4.41
12" Wide Modular Display	12.1" WXGA display (projected capacitive multi-touch)		HMIDM6600WC	2.60/5.73
15" Wide Modular Display	15.6" FWXGA display (projected capacitive multi-touch)		HMIDM6700WC	4.00/8.82
19" Wide Modular Display	18.5" FHD display (projected capacitive multi-touch)		HMIDM6800WC	4.90/10.8
22" Wide Modular Display	21.5" FHD display (projected capacitive multi-touch)		HMIDM6900WC	6.50/14.33
Installation gaskets				
Installation gasket for 12" Wide display	Provides dust and moisture resistance when installation gasket is installed in a solid panel (1 piece/set)	12" Wide Harmony P6/FP6 Modular Display	HMIZD56	—
Installation gasket for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	HMIZD57	—
Installation gasket for 10" Wide display		10" Wide Harmony P6/FP6 Modular Display	HMIZD55W	—
Installation gasket for 12" Wide display		12" Wide Harmony P6/FP6 Modular Display	HMIZD56W	—
Installation gasket for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	HMIZX57W	—
Installation gasket for 19" Wide display		19" Wide Harmony P6/FP6 Modular Display	HMIZCWG8W1	—
Installation gasket for 22" Wide display		22" Wide Harmony P6/FP6 Modular Display	HMIZCWG9W1	—
Others				
Installation fastener	Installation fastener for maintenance (4 pieces/set)	All Harmony P6/FP6 Modular Displays	HMIZCAF1	—
Connectors				
Power connector (DC)	DC power connector for maintenance (5 pieces/set)	Advanced, Standard and Basic Modular Boxes, Harmony FP6 Modular Displays	HMIZCCNDC1	0.20/0.44
Power connector (AC)	AC power connector for maintenance (5 pieces/set)		HMIZCCNAC1	0.20/0.44

Note: The accessories may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

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Harmony FP6 Industrial Flat Panel Monitors

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony FP6 Industrial Flat Panel Monitors

Harmony FP6 Industrial Flat Panel Monitors

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Harmony iPC

Industrial PC, Edge Box, and Display

Harmony FP6 Industrial Flat Panel Monitors

Type of display	Harmony FP6 Industrial Flat Panel Monitors	
Model	4:3 12" touch screen	4:3 15" touch screen



Display	Type	TFT color LCD flat screen
	Size	4:3 12.1" 4:3 15.0"
	Resolution	XGA, 1024 x 768 pixels, 16 million colors
	Degree of protection (2)	IP66F, IP67F, UL 50/50E, Type 1, Type 4X (indoor use only), Type 12, Type 13
	Touch operation	Resistive analog multi-touch (2 points)
	Touch mode configuration	Not applicable, because of resistive analog touch panel
	Brightness control	Stepless adjustment (0~100 steps)
	Backlight service life	50,000 hours and more
Interface	Front USB	1x USB 2.0 (Type A) and 1x USB Micro-B (1) with front USB cover
	Touch	1x USB 2.0 (Type B)
	Supported operating system	Windows10 IoT Enterprise 2019 LTSC (64-bit), Windows 10 (build 1809 or later)
	Video	DVI-D input
Utility tool		Brightness, calibration, front USB, touch buzzer, touch input mode control
Supply voltage		24 V ...
Standards and certifications	(when mounted on front panel of Box PC)	CE, RCM, KC, UL 61010-2-201 and CSA C22.2 No. 61010-2-201, UL 121201 (2) and CSA C22.2 No. 213 (2), IECEx/ATEX for use in Zone 2 gas/Zone 22 dust (2)
Power consumption	17.6 W max.	22.4 W max.
Mounting		Panel, portrait, or VESA 100 x 100 mount
Dimensions	Overall dimensions (W x H x D)	315 x 241 x 67.5 mm/ 12.40 x 9.49 x 2.66 in. 397 x 296 x 67.5 mm/ 15.63 x 11.65 x 2.66 in.
	Cut-out (W x H)	301.5 x 227.5 mm/ 11.87 x 8.96 in. 383.5 x 282.5 mm/ 15.1 x 11.12 in.
Temperature	During operation	Conforming to EN/IEC 60068-2-30: 0...55 °C/32...131 °F
	During storage	Conforming to IEC 61000-4/EN 55011: -20...60 °C/-4...140 °F
Compatible with boxes		All Harmony P6 Standard, Advanced, and Basic Modular Box PCs, Harmony iPCs, and third-party PCs
References	HMIFP6600TMD	HMIFP6700TMD
Pages	5/2	

(1) This interface is unavailable.

(2) On the front panel when properly installed in an enclosure and not using the front panel USB port.

Harmony FP6 Industrial Flat Panel Monitors				
W10" touch screen	W12" touch screen	W15" touch screen	W19" touch screen	W22" touch screen



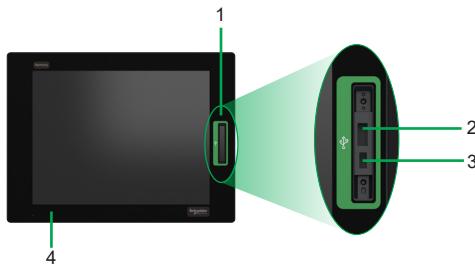
TFT color LCD flat screen	W10.1" WXGA, 1280 x 800 pixels, 16 million colors	W12.1" FWXGA, 1366 x 768 pixels, 16 million colors	W15.6" FHD, 1920 x 1080 pixels, 16 million colors	W18.5" W21.5"
	IP66F, IP67F, UL 50/50E, Type 1, Type 4X (indoor use only), Type 12, Type 13	IP66F, IP67F, UL 50/50E, Type 1, Type 4X (indoor use only), Type 12, Type 13	Projective capacitive multi-touch (2 points) with optimized noise filter	
	Resistive analog multi-touch (2 points)	Yes (standard mode, glove mode, water detection mode)		
	Not applicable, because of resistive analog touch panel	Stepless adjustment (0~100 steps)		
	Stepless adjustment (0~100 steps)	50,000 hours and more		
Interface	1x USB 2.0 (Type A) and 1x USB Micro-B (1) with front USB cover	-		
	1x USB 2.0 (Type B)	1x USB 2.0 (Type B)		
	Windows10 IoT Enterprise 2019 LTSC (64-bit), Windows 10 (build 1809 or later)	Windows10 IoT Enterprise 2019 LTSC (64-bit), Windows 10 (build 1809 or later)		
	DVI-D input	DVI-D input		
Utility tool	Brightness, calibration, front USB, touch buzzer, touch input mode control	Brightness, calibration, front USB, touch buzzer, touch input mode control		
Supply voltage	24 V ...	24 V ...		
Standards and certifications	CE, RCM, KC, UL 61010-2-201 and CSA C22.2 No. 61010-2-201, UL 121201 (2) and CSA C22.2 No. 213 (2), IECEx/ATEX for use in Zone 2 gas/Zone 22 dust (2)	CE, RCM, KC, UL 61010-2-201 and CSA C22.2 No. 61010-2-201, UL 121201 (2) and CSA C22.2 No. 213 (2), IECEx/ATEX for use in Zone 2 gas/Zone 22 dust (2)		
Power consumption	12.4 W max.	15.9 W max.	20.0 W max.	30.6 W max.
Mounting	Panel, portrait, or VESA 100 x 100 mount	Panel, portrait, or VESA 100 x 100 mount		
Dimensions	268.5 x 198.5 x 67.5 mm/ 10.57 x 7.81 x 2.66 in.	308.5 x 230.5 x 67.5 mm/ 12.15 x 9.07 x 2.66 in.	408 x 264 x 67.5 mm/ 16.06 x 10.39 x 2.66 in.	463.6 x 293.6 x 69.5 mm/ 18.25 x 11.56 x 2.74 in.
	301.5 x 227.5 mm/ 11.87 x 8.96 in.	383.5 x 282.5 mm/ 15.1 x 11.12 in.	394 x 250 mm/ 15.51 x 9.84 in.	532.6 x 330.6 x 69.5 mm/ 20.97 x 13.02 x 2.74 in.
Temperature	Conforming to EN/IEC 60068-2-30: 0...55 °C/32...131 °F	Conforming to EN/IEC 60068-2-30: 0...55 °C/32...131 °F	Conforming to EN/IEC 60068-2-30: 0...50 °C/32...122 °F	
	Conforming to IEC 61000-4/EN 55011: -20...60 °C/-4...140 °F	Conforming to IEC 61000-4/EN 55011: -20...60 °C/-4...140 °F	Conforming to IEC 61000-4/EN 55011: -20...60 °C/-4...140 °F	
Compatible with boxes	All Harmony P6 Standard, Advanced, and Basic Modular Box PCs, Harmony iPCs, and third-party PCs	All Harmony P6 Standard, Advanced, and Basic Modular Box PCs, Harmony iPCs, and third-party PCs		
References	HMIFP6500WCD	HMIFP6600WCD	HMIFP6700WCD	HMIFP6800WCD
Pages	5/4			

(1) This interface is unavailable.

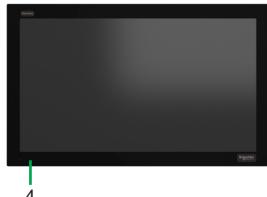
(2) On the front panel when properly installed in an enclosure and not using the front panel USB port.



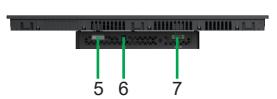
Harmony FP6 Industrial Flat Panel Monitors



4:3 flat panel monitor front view



Wide flat panel monitor front view



Wide flat panel monitor underside view



HMIFP6600TMD



HMIFP6900WCD

Presentation

Harmony FP6 Industrial Flat Panel Monitors are designed for slim and stylish appearance, better visibility, and high operability in an industrial environment. The modular design and transversal visualization enables Flat Panel Monitors to be easily integrated with Harmony P6, Harmony iPCs, and third-party Box PCs.

The Harmony FP6 screens are certified for CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL121201, and CSA C22.2 No. 213, and IECEx/ATEX for use in Zone 2 gas/Zone 22 dust.

Overview of the offer

Harmony FP6 Industrial Flat Panel Monitors are available in 4:3 and Wide versions each equipped with:

- **4:3 Flat Panel Monitors:** 12.1" and 15.0" (XGA) color LCD multi-touch (2 points) analog resistive screens, 1x USB 2.0 (Type A) with front USB cover
- **Wide Flat Panel Monitors:** 10.1" and 12.1" (WXGA), 15.6" (FWXGA), 18.5" and 21.5" (FHD) color LCD multi-touch (2 points) projected capacitive screens

Description

Front view

- 1 Front USB cover
- 2 USB 2.0 (Type A) (1)
- 3 USB 2.0 Micro-B (2)
- 4 Multi-color status LED (green and orange) indicating the mode

Underside view

- 5 DVI-D input interface
- 6 USB 2.0 (Type B)
- 7 Power connector

References

Harmony FP6 Industrial Flat Panel Monitors

Description	Screen	Interface	Reference	Weight kg/lb
W12" TFT LCD flat screen	4:3 12.1" Wide, XGA (1024 x 768 pixels)	Multi-touch (2 points)	HMIFP6600TMD	3.60/8.00
W15" TFT LCD flat screen	4:3 15.0" Wide, XGA (1024 x 768 pixels)	analog resistive	HMIFP6700TMD	4.90/10.8
W10" TFT LCD flat screen	10.1" Wide, FWGA (1280 x 800 pixels)	Multi-touch (2 points)	HMIFP6500WCD	3.20/7.10
W12" TFT LCD flat screen	12.1" Wide, FHD (1280 x 800 pixels)	projected capacitive	HMIFP6600WCD	3.90/8.60
W15" TFT LCD flat screen	15.6" Wide, FWXGA (1366 x 768 pixels)		HMIFP6700WCD	5.30/11.9
W19" TFT LCD flat screen	18.5" Wide, FHD (1920 x 1080 pixels)		HMIFP6800WCD	6.30/13.9
W22" TFT LCD flat screen	21.5" Wide, FHD (1920 x 1080 pixels)		HMIFP6900WCD	8.00/17.7

(1) By default, this front USB is disabled.

(2) This interface is not usable.

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony FP6 Industrial Flat Panel Monitors Accessories



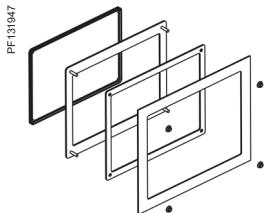
HMIY CABUSB51



HMIY FPCBDPDV5M



HMIY ADDPDVI11



HMIZPAT8W1



HMIZG66

Accessories

Description	Details	Compatible with	Reference	Weight kg/lb
Cables				
USB cable	USB cable used to receive the touch panel signal from host (5 m/16.4 ft)	All Harmony FP6 Modular Displays	HMIY CABUSB51	0.22/0.49

DP-DVI cable (5 m)	DP-DVI cable used to receive the image signal from host, active type (5 m/16.4 ft)	All Harmony FP6 Modular Displays	HMIY FPCBDPDV5M	0.50/1.10
DP-DVI cable (3 m)	DP-DVI cable used to receive the image signal from host, active type (3 m/9.8 ft)	All Harmony FP6 Modular Displays	HMIY CABDPDV131	0.40/0.88

Adapters

DP-DVI adapter	DP-DVI adapter can convert DP to DVI-D (socket), active type	All Harmony FP6 Modular Displays	HMIY ADDPDVI11	0.10/0.22
Cut-out adapter for Harmony Modular Panel PC (W12")	Panel cut-out adapter from Harmony HMIDM Modular Display (12" Wide) to Harmony P6/FP6 (12" Wide)	HMIDM Modular Display (W12")	HMIZPAT6W1	0.60/1.32
Cut-out adapter for Harmony Modular/S-Panel PC (W15")	Panel cut-out adapter from Harmony HMIDM Modular Display or S-Panel (15" Wide) to Harmony P6/FP6 (15" Wide)	HMIDM Modular Display or HMIPSO S-Panel (W15")	HMIZPAT7W1	1.00/2.20
Cut-out adapter for Harmony Modular/S-Panel PC (W19")	Panel cut-out adapter from Harmony HMIDM Modular Display or S-Panel (19" Wide) to Harmony P6/FP6 (19" Wide)	HMIDM Modular Display or HMIPSO S-Panel (W19")	HMIZPAT8W1	1.10/2.43
Cut-out adapter for Harmony Modular Panel PC (W22")	Panel cut-out adapter from Harmony HMIDM Modular Display (22" Wide) to Harmony P6/FP6 (22" Wide)	HMIDM Modular Display (W22")	HMIZPAT9W1	1.30/2.87

Screen sheets

Screen protection sheet for 12" Wide display	Disposable, dirt-resistant sheet for screen (5 sheets/set)	12" Wide Harmony P6/FP6 Modular Display	HMIZG66	—
Screen protection sheet for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	MPCYK50SPSKIT	—
Anti-glare sheet for 10" Wide display	Anti-reflection, dirt-resistant sheet for screen (5 sheets/set)	10" Wide Harmony P6/FP6 Modular Display	HMIZCAG5W1	—
Anti-glare sheet for 12" Wide display		12" Wide Harmony P6/FP6 Modular Display	HMIZCAG6W1	—
Anti-glare sheet for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	HMIZCAG7W1	—
Anti-glare sheet for 19" Wide display		19" Wide Harmony P6/FP6 Modular Display	HMIZCAG8W1	—
Anti-glare sheet for 22" Wide display		22" Wide Harmony P6/FP6 Modular Display	HMIZCAG9W1	—

Note: The accessories may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony FP6 Industrial Flat Panel Monitors

Accessories

GTU_61981_CPSCT77002



HMIZD56

Description	Details	Compatible with	Reference	Weight kg/lb
Installation gaskets				
Installation gasket for 12" Wide display	Provides dust and moisture resistance when this product is installed in a solid panel (1 piece/set)	12" Wide Harmony P6/FP6 Modular Display	HMIZD56	–
Installation gasket for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	HMIZD57	–
Installation gasket for 10" Wide display		10" Wide Harmony P6/FP6 Modular Display	HMIZD55W	–
Installation gasket for 12" Wide display		12" Wide Harmony P6/FP6 Modular Display	HMIZD56W	–
Installation gasket for 15" Wide display		15" Wide Harmony P6/FP6 Modular Display	HMIZX57W	–
Installation gasket for 19" Wide display		19" Wide Harmony P6/FP6 Modular Display	HMIZCWG8W1	–
Installation gasket for 22" Wide display		22" Wide Harmony P6/FP6 Modular Display	HMIZCWG9W1	–
Others				
DC power connector with fixable screws	Connector to connect DC power cables (5 pieces/set)	All Harmony FP6 Modular Displays	HMIZCCNDC1	0.10/ 0.22
Installation fastener	4 pieces/set	All Harmony FP6 Modular Displays	HMIZCAF1	–
USB clamp Type B	Clamp to help prevent disconnection of USB Type B cable (5 pieces/set)	All Harmony FP6 Modular Displays	HMIYFPCLUSB	0.15/ 0.33

Note: The accessories may be changed or discontinued without notice. Please check our website www.se.com for the latest information.

P6L_CIP21220



HMIZCCNDC1

PRXZCAF1



HMIZCAF1

References (continued)

Harmony iPC

Industrial PC, Edge Box, and Display

Harmony FP6 Industrial Flat Panel Monitors

Substitution table

Current Harmony iPC		Replaced by Harmony iPC		Compatibility (1) Panel cut-out
Description	Reference	Description	Reference	
Harmony iPC Modular Display		Harmony FP6 Modular Display		
22" Wide (Full HD)	HMIDMA521 + HMIDADP11	22" Wide (Full HD)	HMIFP6900WCD	Yes with adapter (HMIZPAT9W1)
19" Wide (FWXGA)	HMIDM9521 + HMIDADP11	19" Wide (Full HD)	HMIFP6800WCD	Yes with adapter (HMIZPAT8W1)
15" Wide (FWXGA)	HMIDM7521 + HMIDADP11	15" Wide (FWXGA)	HMIFP6700WCD	Yes with adapter (HMIZPAT7W1)
12" Wide (WXGA)	HMIDM6521 + HMIDADP11	12" Wide (WXGA)	HMIFP6600WCD	Yes with adapter (HMIZPAT6W1)
15" Wide (XGA)	HMIDM7421 + HMIDADP11 HMIDID73DTD1	15" Wide (XGA)	HMIFP6700TMD	Yes
12.1" Wide (XGA)	HMIDM6421 + HMIDADP11 HMIDID64DTD1	12.1" Wide (XGA)	HMIFP6600TMD	Yes
				Panel cut-out
				Identical
				Different

(1) Supported operating system: Windows 10 IoT Enterprise 2019 LTSC (64-bit), Windows 10 (build 1809 or later).

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Product reference index

Product reference index

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H									
HMIBMIEA5DD1001	4/19	HMIDM6800WC	4/15	HMIP6ADB0NA0DNAN00	4/11	HMIY CABUSB51	5/5	HMIYSSDS080S1	2/6
HMIBMIEA5DD100A	4/19		4/19		4/20	HMIY CABWIFIAN51	2/6	HMIYSSDS240S1	2/6
HMIBMIEA5DD1101	4/19		4/20	HMIP6AEB0NA0DNAN00	4/11	HMIY CFA32S	2/6	HMIYUSBBK111	2/7
HMIBMIEA5DD110L	4/19		4/25	HMIP6AFB0NA0DNAN00	4/11	HMIY FPCBDPDV5M	4/22	HMIZCAF1	4/25
HMIBMIEA5DD1E01	4/19	HMIDM6900WC	4/15		4/20		5/5		5/6
HMIBMO0A5DD1001	4/19		4/19	HMIP6AGB0NA0DNAN00	4/11	HMIY FPCCLUSB	5/6	HMIZCAG5W1	4/24
HMIBMO0A5DDF101	4/19		4/20	HMIP6BBB0NA0WNNN00	4/19	HMIY HDD01T21	2/6		5/5
HMIBMO0A5DDF10A	4/19		4/25	HMIP6C6D0N104NJN00	4/10	HMIY HDD50021	2/6	HMIZCAG6W1	4/24
HMIBMOMA5DD1101	4/19	HMIDM7421	4/19	HMIP6C7D0N104NJN00	4/10	HMIY MIN1ETH1	2/6		5/5
HMIBMOMA5DD1E01	4/19		4/20	HMIP6CAD0N104NJN00	4/10	HMIY MINCAN1	2/6	HMIZCAG7W1	4/24
HMIBMOMA5DD1E01	4/19		5/7	HMIP6CBD0N004NNN00	4/19	HMIY MINDVII1	2/6		5/5
HMIBMOMA5DDF10L	4/19	HMIDM7521	4/19	HMIP6CBD0N008NNN00	4/19	HMIY MINWIFI2	2/6	HMIZCAG8W1	4/24
HMIBMP0I74D2001	4/19		4/20	HMIP6CBD0N104NCN00	4/19	HMIY MINNVRAM1	2/6		5/5
HMIBMP0I74D200A	4/19		5/7	HMIP6CBD0N104NJN00	4/10	HMIY MINPRO1	2/6	HMIZCAG9W1	4/24
HMIBMP0I74D4001	4/19	HMIDMA521	4/19	HMIP6CBD0N404NCN00	4/19	HMIY MINSL22321	2/6		5/5
HMIBMP0I74D400A	4/19		4/20	HMIP6CBDEN008NNN00	4/19	HMIY MINSL24851	2/6	HMIZCCLUSA	4/24
HMIBMP0I74DE00A	4/19		5/7	HMIP6CBDMN004NNN00	4/19	HMIY MINSL42321	2/6	HMIZCCNAC1	4/25
HMIBMP0I74DI00A	4/19	HMIFP6500WCD	5/4	HMIP6CBDPN008NNN00	4/19	HMIY MINUS1	2/6	HMIZCCNDC1	4/25
HMIBMPHI74D2801	4/19		5/4	HMIP6CE0N104NJN00	4/10	HMIY P6ADBMA	4/23		5/6
HMIBMPHI74D4801	4/19	HMIFP6600TMD	5/4	HMIP6CFD0N104NJN00	4/10	HMIY P6ADBMB	4/23	HMIZCWG8W1	4/25
HMIBMU0I29D2001	4/19		5/7	HMIP6CFD0N104NCN00	4/19	HMIY P6ADBMS	4/23		5/6
HMIBMU0I29D200A	4/19	HMIFP6600WCD	5/4	HMIP6CGD0N104NJN00	4/10	HMIY P6CB4G3M	4/22	HMIZCWG9W1	4/25
HMIBMU0I29D4001	4/19		5/7	HMIP6CGD0N104NCN00	4/19	HMIY P6CBWF3M	4/22		5/6
HMIBMU0I29D400A	4/19	HMIFP6700TMD	5/4	HMIP6D6B0NA0WNAN00	4/11	HMIY P6CLUSC	4/24	HMIZD55W	4/25
HMIBMU0I29DE00A	4/19		5/4	HMIP6D7B0NA0WNAN00	4/11	HMIY P6CVUSAU	4/21		5/6
HMIBMU0I29DI00A	4/19	HMIFP6700WCD	5/4	HMIP6DAB0NA0WNAN00	4/11	HMIY P6DM16	4/22	HMIZD56	4/25
HMIBMUCI29D2W01	4/19		5/7	HMIP6DAB0NA0WNAN00	4/11	HMIY P6DM4	4/22		5/6
HMIBMUCI29D4W01	4/19	HMIFP6800WCD	5/4	HMIP6DB0NA0WNAN00	4/11	HMIY P6DM8	4/22	HMIZD56W	4/25
HMIBMUH129D2801	4/19		5/7	HMIP6DB0NA0WNAN00	4/11	HMIY P6DE	4/24		5/6
HMIBMUH129D4801	4/19	HMIFP6900WCD	5/4	HMIP6DEB0NA0WNAN00	4/11	HMIY P6FAN	4/24	HMIZD57	4/25
HMIBMUSI29D2801	4/19		5/7	HMIP6DFB0NA0WNAN00	4/11	HMIY P6HDD1T	4/22		5/6
HMIBMUSI29D4801	4/19	HMIPSO552D1001	4/20	HMIP6DGB0NA0WNAN00	4/11	HMIY P6HSM2A	4/24	HMIZG66	4/24
HMIBX1A0NDA	3/5		25	HMIPSO552D1001	4/20	HMIY P6HSM2B	4/24		5/5
HMIDADP11	5/7	HMIPSO752D1001	4/20	HMIPSO552D1W01	4/20	HMIY P6HSM2S	4/24	HMIZHAT7W1	4/23
HMIDID64DTD1	5/7		25	HMIPSO552D1W01	4/20	HMIY P6M2128	4/22	HMIZHAT8W1	4/23
HMIDID73DTD1	5/7	HMIPSO752D1801	4/20	HMIPSO552D1801	4/20	HMIY P6M2128L	4/22	HMIZPAT5W1	4/20
HMIDM6421	4/19		25	HMIPSO752D1801	4/20	HMIY P6M2256	4/22		4/23
HMIDM6500WC	4/15	HMIPSO752D1801	4/20	HMIPSO752D1801	4/20	HMIY P6M24GW	4/21	HMIZPAT6W1	4/20
HMIDM6521	4/19		25	HMIPSO752D1801	4/20	HMIY P6M2512	4/22		4/23
HMIDM6600TM	4/15	HMIPSO752D1801	4/20	HMIPSO752D1801	4/20	HMIY P6M2ETH	4/21	HMIZPAT7W1	4/20
HMIDM6600WC	4/15		25	HMIPSO752D1801	4/20	HMIY P6M2R23P2	4/21		4/23
HMIDM6700TM	4/15	HMIPSO752D1801	4/20	HMIPSO752D1801	4/20	HMIY P6M2WF	4/21	HMIZPAT8W1	4/20
HMIDM6700WC	4/15		25	HMIPSO752D1801	4/20	HMIY P6MP4GE	4/21		4/23
HMIDM6700WC	4/19	HMIPSP0952D1001	4/20	HMIPSP0952D1001	4/20	HMIY P6MP4GU	4/21	HMIZPAT9W1	4/20
HMIDM6700WC	4/20		25	HMIPSP0952D1001	4/20	HMIY P6MPAU	4/21		4/23
HMIDM6700WC	4/25	HMIPSP0952D1W01	4/20	HMIPSP0952D1W01	4/20	HMIY P6MPECAT	4/21		5/5
HMIDM6700WC	4/19		25	HMIPSP0952D1W01	4/20	HMIY P6MPETH	4/21	HMIZPAT9W1	4/20
HMIDM6700WC	4/20	HMIPSP0952D1701	4/20	HMIPSP0952D1701	4/20	HMIY P6MPR23P2	4/21		4/23
HMIDM6700WC	4/25		25	HMIPSP0952D1701	4/20	HMIY P6MPR23P4	4/21	HMIZX57W	4/25
HMIDM6700WC	4/19	HMIPSP0952D1701	4/20	HMIPSP0952D1701	4/20	HMIY P6MPR42P2	4/21		5/6
HMIDM6700WC	4/20		25	HMIPSP0952D1701	4/20	HMIY P6MPWF	4/21	MPCYK50SPSKIT	4/24
HMIDM6700WC	4/25	HMIPSP0952D1701	4/20	HMIPSP0952D1701	4/20	HMIY P6MPX16Y8	4/21		5/5
HMIDM6700WC	4/19		25	HMIPSP0952D1701	4/20	HMIY P6RUSW10	4/24	VJOCNT	2/7
HMIDM6700WC	4/20	HMIPSP0952D1701	4/20	HMIPSP0952D1701	4/20	HMIY P6RUSW1021	4/24	XBTZGUSB	4/22
HMIDM6700WC	4/25		25	HMIPSP0952D1701	4/20	HMIY P6RUSW10B	4/24		
HMIDM6700WC	4/15	HMIPSP0952D1701	4/19	HMIPSP0952D1701	4/20	HMIY P6SD64GCX	4/22		
HMIDM6700WC	4/19		4/20	HMIPSP0952D1701	4/20	HMIY P6SLMCA	4/24		
HMIDM6700WC	4/20	HMIPSP0952D1701	4/20	HMIPSP0952D1701	4/20	HMIY P6SSD128	4/22		
HMIDM6700WC	4/25		4/25	HMIPSP0952D1701	4/20	HMIY P6SSD256	4/22		
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HMIDM6700WC	4/19		4/20	HMIPSP0952D1701	4/20	HMIY PADPSOSTO1	2/7		
HMIDM6700WC	4/20	HMIPSP0952D1701	4/20	HMIPSP0952D1701	4/20	HMIY PSOMAC1	2/7		
HMIDM6700WC	4/25		4/25	HMIPSP0952D1701	4/20				

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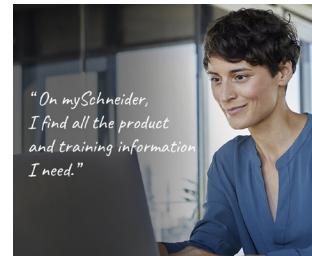
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Head Office
35, rue Joseph Monier - CS 30323
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