



**FEC**

ELEVATE YOUR BUSINESS

# XPPC Family – High Performance Series PP-9715 & PP-9715W

2021/02/08

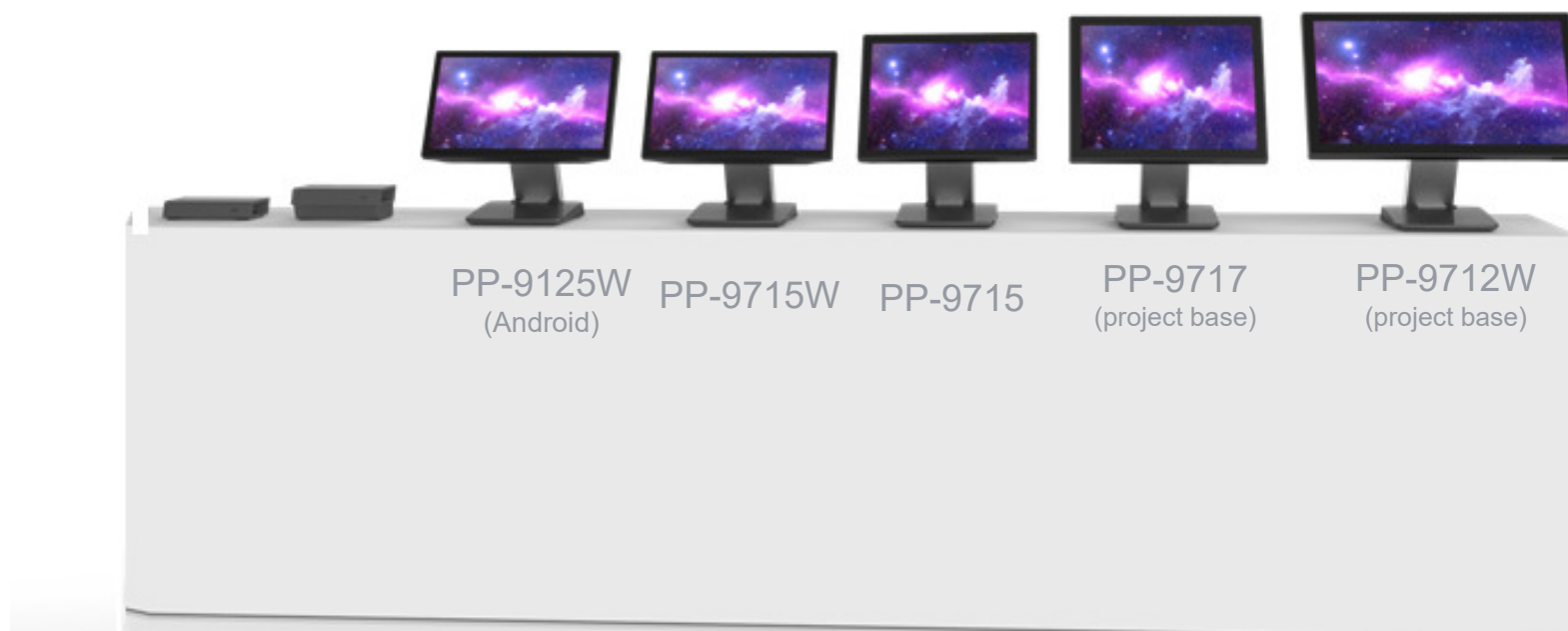
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# XPPC Family

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A family can be used in every application



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# XPPC Launch Day

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2021

May



15.6" PP-9715W

July



15" PP-9715

# 01

## Overview



# Appearance

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# Features

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## **Slim**

Slim design with efficient thermal module.



## **High Performance**

With Intel Coffee Lake Processor (8<sup>th</sup>&9<sup>th</sup> Generation), supporting high speed PCIe SSD



## **Dual Hinge Stand**

Adjustable dual hinge stand, available for different viewing angle for various users.



## **Transfer To Different Application**

Desktop, pole-mounted, wall-mounted. It is easy to build your own XPPC solution, no matter from a traditional counter to a self-service kiosk.



## **Easy Maintenance**

Easy to access RAM / SSD / MB.



## **Various Peripherals & 2<sup>nd</sup> Display type**

Same add-on devices like XPOS series. Different types of 2<sup>nd</sup> display, from arm type to pole type.



## **FEC Platform Ready**

Easy to manage your device through FEC Platform. Remotely update application, troubleshooting, dashboard management. Help you to reduce unexpected expense.

# XPPC Front View

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## Screen

15" & 15.6" Available. 17" & 22" project base.  
High Brightness backlight and industrial level lifetime.



## Various CPU Option

Coffee Lake 8<sup>th</sup> & 9<sup>th</sup> generation CPU inside the panel PC.  
All range from Celeron, Pentium and Core available.



## PCAP Touch

10-points multi projected capacitive touch.  
Industrial level durability.



## Extended I/O *(optional)*

If the I/O ports on panel PC are not enough, an extended I/O set can be integrated underneath the stand. (please see P.13)



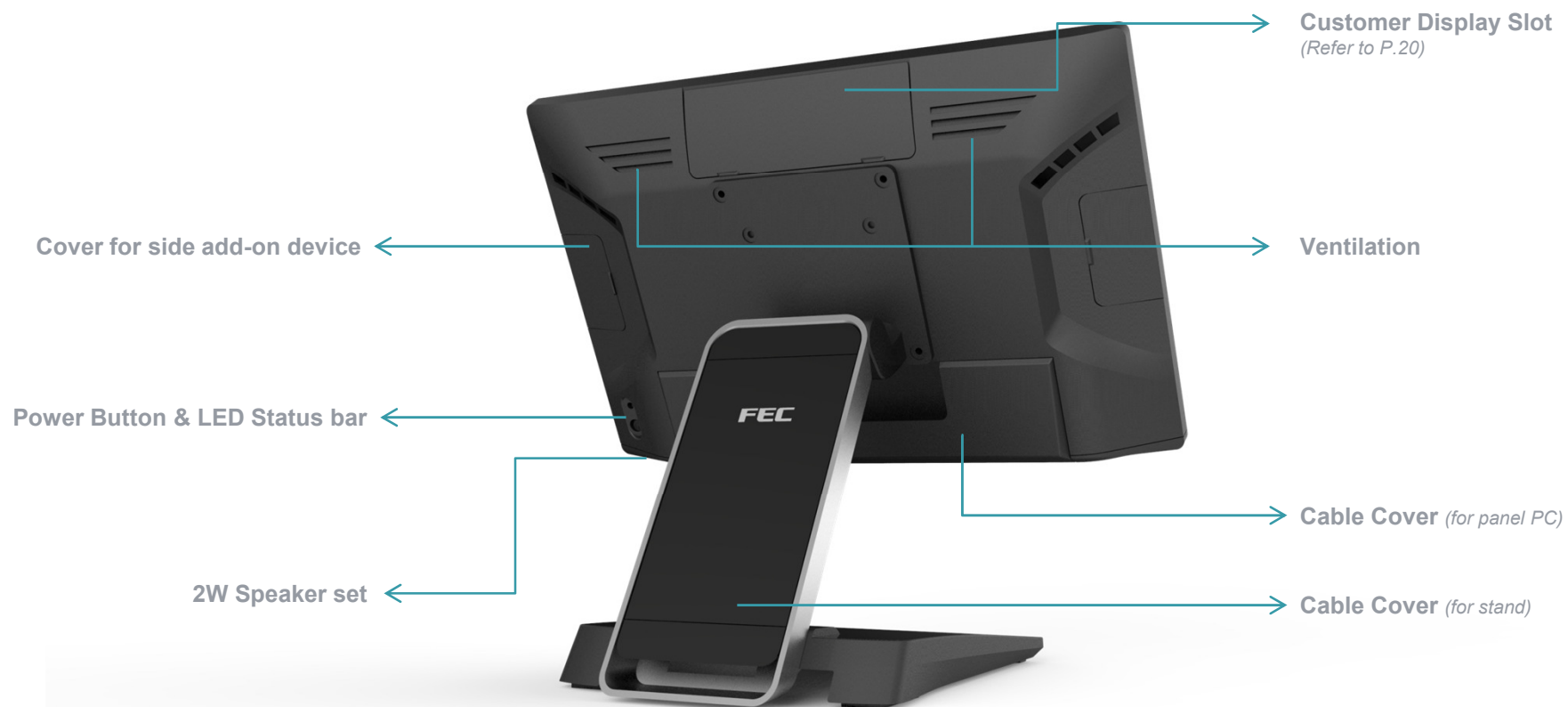
## Power Adapter

Adapter can be fitted underneath the stand.  
(If without extended I/O)



# XPPC Back View

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# Dual Hinge Stand

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⦿+ Better user experience, angle and height can be adjusted for different users.

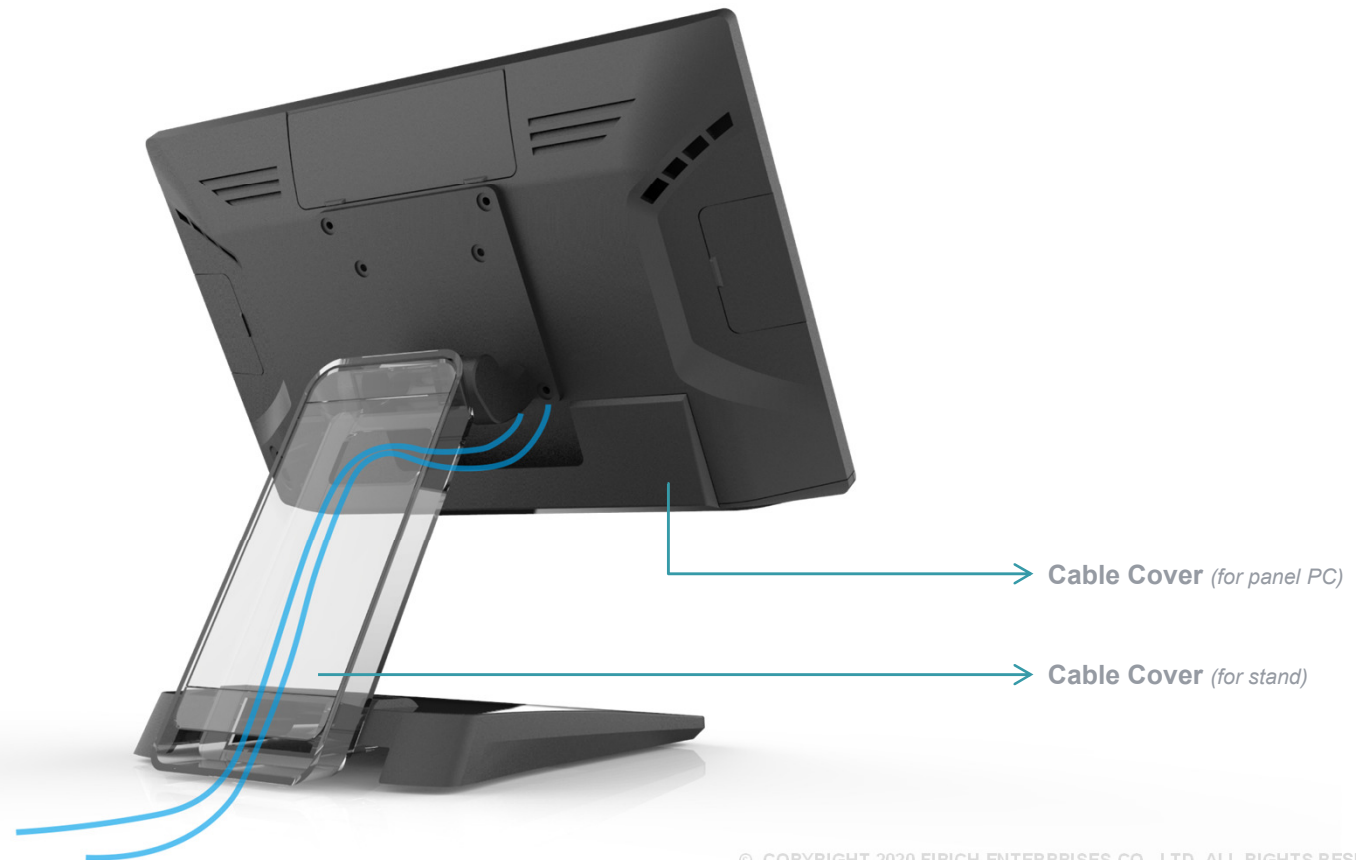
📦 The compact footprint requires smaller package, saving logistic cost.



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# Cable Management

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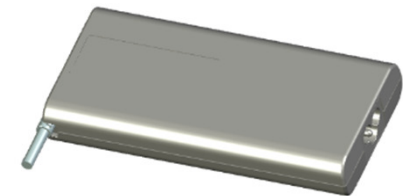


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# PSU

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The PSU can be hidden underneath the stand *(If without 2<sup>nd</sup> I/O)*



130W Power Adapter

# Extended I/O

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Reserve space underneath the stand for expanding I/O port *(Project base)*



Expand I/O set through FEC I/O

*Note: If with extended I/O underneath the stand, the FEC I/O on panel PC will be occupied for it.*

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# VESA Mount

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VESA 100x100, for wall-mounted or pole mounted



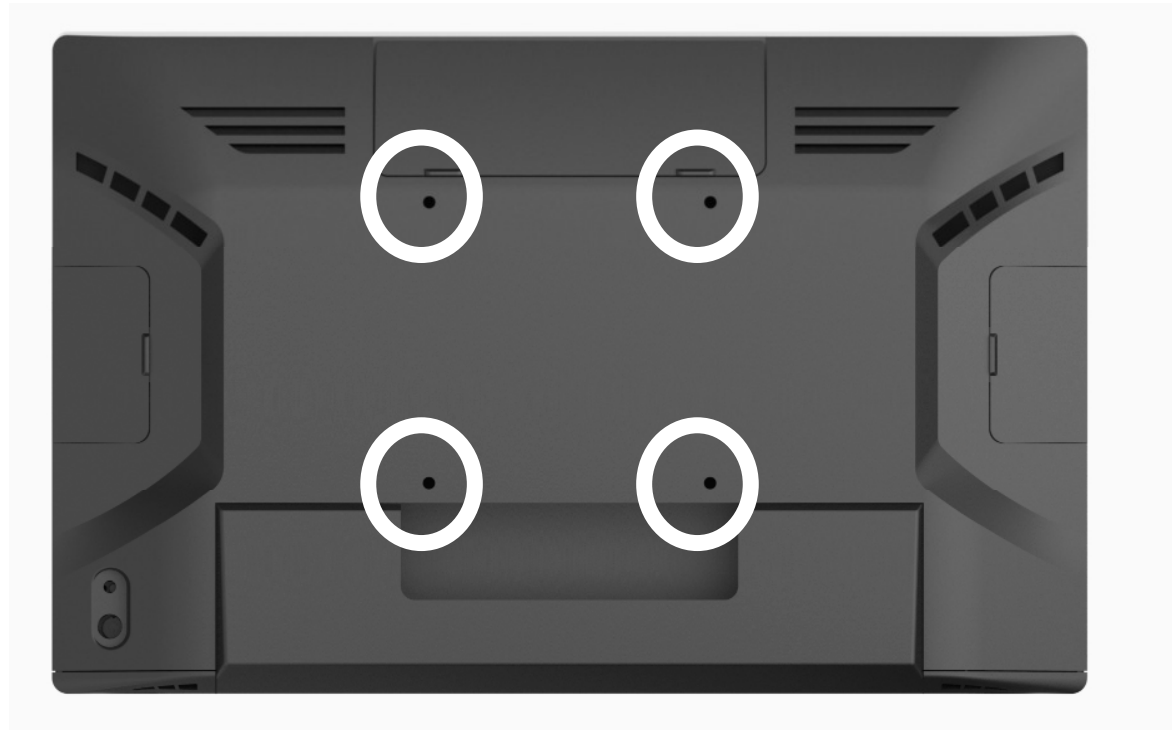
FEC Pole or 3<sup>rd</sup> party pole



FEC Wall-mount kit A  
(PN: ASTRAN0795)  
*PSU can be fit at backside*



FEC Wall-mount kit B  
(PN: ASTRAN0805)





# Easy Access

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3 screws

How easy to access M/B?

1. Unplug the cable cover
2. Remove 3 screws

 Maintenance

 Upgrade CPU

 Upgrade RAM

# 02

## Specification

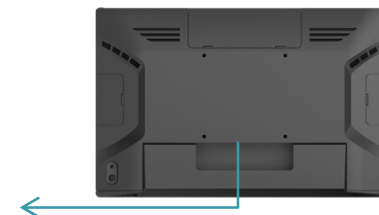
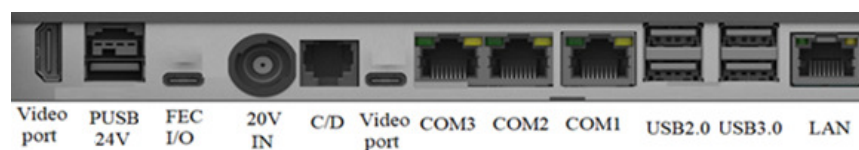
# Specification

**FEC**

		PP-9715W	PP-9715
Processor & Chipset	Motherboard	H310 (TPM) Q370 (TPM / Intel Software RAID / V-Pro)	
	CPU	Celeron G4900T 2.90GHz (2C2T/Embedded) Pentium G5400T 3.10GHz (2C4T/Embedded) Core i3-9100TE 2.20~3.20GHz (4C4T/Embedded) Core i5-9500TE 2.20GHz~3.60GHz (6C6T/Embedded)	
	Memory	DDR4 SO-DIMM Slot x2 (Support 2666Mhz & Max. 64GB)	
	Storage	M.2 2280 Slot x2 (Support SATA 3 & PCIe)	
	WIFI/BT (Optional)	802.11 ac WIFI + Bluetooth 2.4&5GHz (FEC PN: RD9000PH17Q5)	
Screen	Size	15.6"	15"
	Aspect ratio Resolution	16:9 (Max. resolution 1920x1080)	4:3 (Max. resolution 1024x768)
	Touch	Projective capacitive touch (10 multi points)	
Others	Brightness	300-nits	400-nits
	Speaker	2W Internal Speaker x2	
	Power Supply	130W PSU	
	OS	Windows 10 LTSC / LTSC, Windows 10 CBB / SAC, Windows 10 Pro, Linux	

# I/O

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Item	Description	Application
Video Ports	HDMI x1	For HDMI 2 <sup>nd</sup> Display
	USB TC x1 ( <i>USB DP or FEC DD, selected in BIOS</i> )	For USB DP 2 <sup>nd</sup> Display
PUSB	24V Powered USB x1	For peripherals, printer
FEC I/O	FEC I/O x1 ( <i>contain signal for USB 2.0, COM port. 5V/12V/24V selected in BIOS</i> )	Expand I/O ports by FEC convert cables ( <i>see page 19</i> )
DC-in	20V DC-in x1	For power supply (130W)
Cash Drawer	RJ11 Cash Drawer Port x1	
Serial Port	RJ45 COM Port x3	
USB	USB 2.0 x2, USB 3.0 x2	
LAN	Giga LAN x1	

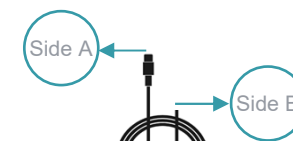
# FEC I/O Application

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## What is FEC I/O?

This port contains signal for USB and COM, both with selectable voltage, it can be turned into different I/O composition through FEC convert cable instead of changing the whole I/O interface, you can respond to different requirement quickly.

*Note: Please note that FEC I/O is not USB-C nor USB DP, the pin inside is defined by FEC but the connector type is USB-C.*



FEC convert cable  
(Please see table below for detail)

Cable Type	Side A (Plug into FEC I/O)	Side B	Application	Note
COM Cable	USB-C male type connector 	DB9 Female 	When you need an <b>additional COM port</b> for peripherals	Standard Stock
12V & USB-B Y Cable	USB-C male type connector 	12V DC Jack Female USB-B Female 	When you need a <b>2<sup>nd</sup> monitor</b> which requires 12V DC for power and USB-B for touch	Project base
24V & USB-B Y Cable	USB-C male type connector 	3 pin Hosiden femail USB-B Female 	When you need a peripheral which requires 24V Hosiden for power and USB-B for signal, such as <b>Thermal Printer</b>	Project base
12V DC Jack Cable	USB-C male type connector 	12V DC jack female 	When you need an additional 12V DC jack for peripherals, such as <b>EFT payment device</b>	Project base






# 03

## Peripherals & 2<sup>nd</sup> Display



# 2nd Display Overview

**FEC**

		XP-2025	XM-1010W	XM-1015	XM-1015W	XM-3015	XM-3015W
Specification	Description	20 x2 (5mm) customer display	10.1" LCD 1280x800 resolution 350-nits backlight	15" LCD 1024x768 resolution 400-nits backlight	15.6" LCD 1920x1080 resolution 400-nits backlight (or 300-nits)	15" LCD 1024x768 resolution 400-nits backlight	15.6" LCD 1920x1080 resolution 400-nits backlight (or 300-nits)
	Interface	FEC DP	FEC DP / USB DP	USB DP	USB DP	Video port / USB DP / FEC DD*	Video port / USB DP / FEC DD*
	Touch option	X	V (ARM type only)	V	V	V	V
Installation Type	Docking			X	X	X	X
	ARM (Upper stand)	X					
	ARM (Lower stand)	X	X				
	Pole	X	X				

Note: FEC DD represents FEC Dual Display, it is a unique port on new Xmonitor series

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## 2<sup>nd</sup> Display Docking Type

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### Docking type 2<sup>nd</sup> Display

- XM-1010W: 10.1" 2<sup>nd</sup> Display
- XP-2025: LCM

## 2<sup>nd</sup> Display ARM Type

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ARM Type 2<sup>nd</sup> monitor: XM-1010W  
(Upper stand only)



## 2<sup>nd</sup> Display ARM Type

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ARM Type 2<sup>nd</sup> monitor: XM-1015 & XM-1015W  
(Upper stand)



## 2<sup>nd</sup> Display ARM Type

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ARM Type 2<sup>nd</sup> monitor: XM-1015 & XM-1015W  
(Lower stand)



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## 2<sup>nd</sup> Display Pole Type

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**Pole Type 2<sup>nd</sup> monitor: XM-3015 & XM-3015W**  
(The back cover of XM-301X is the same as XPPC)



*Note: The height of pole is fixed.*



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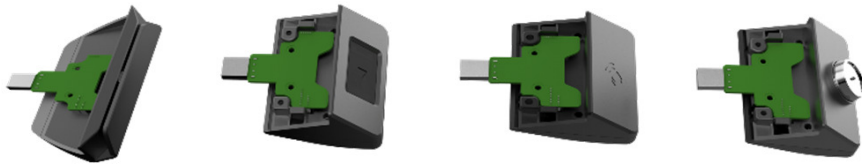


# Peripherals

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## Add-on device

- MSR
- Fingerprint reader
- RFID
- I-Button
- 2-in-1 device



*Note: The Add-on devices for XPPC are the same as XPOS series*



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# 04

EXpand

# Customization

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Possible customized bracket on the stand *(Project base)*



**Scanner**



**EFT device bracket**



**RFID/NFC reader**

# Customization

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Customization on the stand plate (MOQ required)



Design your Color



Design your Logo

# Stand option

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Two different stand options



**Single hinge (Optional)  
(Total Black)**

**Dual hinge (Standard)  
(Galaxy Grey / Silver)**

*Note: Single hinge, only the upper side (the side holds the panel PC) can be rotated*

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# 05

Others



# FEC Platform Ready

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FEC Platform, maximize the uptime of your investment



 Remote and Group Management

 Proactive Alarm and Notification

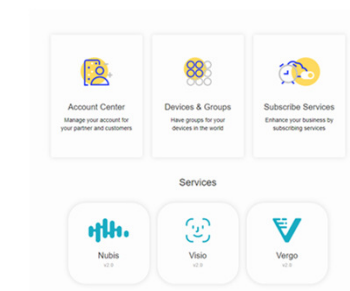
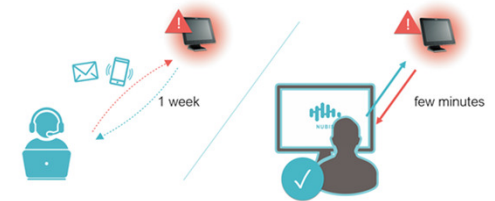
 Remote Peripheral Firmware Update

 Device Monitoring Dashboard

 Software and Application Distribution

 I/O Port Configuration and Deployment

 BIOS and Driver Update



# Dimension

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## XPPC 15.6" Dimension



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THANK YOU