

PP-9815



15 inch

Chipset : Intel® N150

FEC XPPC SERIES

Built to Integrate, Born to Adapt



15" PP-9815 / 15.6" PP-9815W / 22" PP-9812W

**40%
FASTER** Intel® N150
Intel® J6412

**DisplayPort
1.4 (DP++)**

**Paper-Based
Earth-Friendly.**

**3 MOUNTS.
MORE FORMS.
FEWER LIMITS.**

© FEC Firich Enterprises Co., Ltd. All rights reserved. Specifications are subject to change without notice.

Specification.

XPPC Series PP-9815 / PP-9815W / PP-9812W

FEC

Platform	Windows	Windows	Windows
Model	PP-9815 15 "	PP-9815W 15.6 "	PP-9812W 21.5 "
SYSTEM			
Processor	Intel Processor TwinLake N150 / i3-N355 ⁰¹		
Memory	1 x 8GB DDR5 SO-DIMM (Standard), up to 16 GB ⁰²		
Storage	1 x 128 GB M.2 2280 SSD (PCIe Gen 3 x4, Standard), up to 512 GB ⁰³		
Operating System	Windows 11 / Windows 11 IoT Enterprise / Windows 11 Pro / Linux bootable ⁰⁴		
DISPLAY			
Display	15 inch XGA (1024 x 768)	15.6 inch Full HD (1920 x 1080)	21.5 inch Full HD (1920 x 1080)
Brightness	350 nits / 500 nits	350 nits / 500 nits	250 nits
Touch	Projected capacitive (P-CAP)		
AUDIO			
Speaker	2 x 2 W speakers		
CONNECTIVITY			
Wi-Fi	Wi-Fi 6E/5.0 ⁰⁵		
Bluetooth	Bluetooth 5.2		
Camera	2MP Camera		

Mic	Microphone
EXTERNAL I/O	
External I/O	1 x RJ11 (Cash Drawer) 1 x RJ45 (COM) 2 x USB 2.0 Type-A 2 x USB 3.0 Type-A 1 x Gigabit LAN 1 x DisplayPort++ 1 x Smart DD / USB-C PD & DP 1 x DC-in 1 x Smart I/O
Universal I/O	1 x Powered USB 24V 1 x Powered USB 12V 1 x RS-232 2 x USB 2.0 Type-A 1 x Second LAN 1 x Audio
Smart I/O	DB9 (RS-232) port DC-out 12V Powered USB 12V USB 2.0 Type-B + DC-out 24V (3-pin) USB 2.0 Type-A + DC-out 12V USB 3.0
Add-on device (Optional)	MSR Fingerprint Reader iButton RFID MSR + RFID (2-in-1)
POWER	
Power	65W (19V) / 90W (20V) / 130W (20V) Power Adapter
MECHANICAL	
Mounting	VESA 100 x 100 mm

Construction	Aluminum Die-Casting + Plastic		
Color	Galaxy Gray		
ENVIRONMENTAL			
Operation Temperature	0°C - 40°C / 32 to 104 °F		
Storage Temperature	-20°C - 60°C / -4 to 140 °F		
COMPLIANCE			
Certifications	FCC / CE / Class B		
Ingress Protection (IP Rating)	IP65 (Front Panel) ⁰⁶		
SHIPPING			
Dimension	342 x 273 x 34.5 mm 13.46 x 10.75 x 1.36 in	368.2 x 253.3 x 30.6 mm 14.50 x 9.97 x 1.20 in	512.3 x 101.6 x 101.6 mm 20.16 x 4.00 x 4.00 in
Net Weight	3.92 kg / 8.64 lb	3.42 kg / 7.54 lb	5.5 kg / 12.13 lb
Carton	Subject to packaging configuration.		
Gross Weight	Subject to packaging configuration.		



Packaging Dimensions / Packaging Weight:

Packaging dimensions and weight are approximate and may vary depending on packaging configuration, production batch, and shipping requirements.

Specifications are subject to change without notice.

note

- 01 Performance, thermal behavior, and power consumption may vary by CPU configuration.
- 02 Memory capacity and supported configurations may vary by model and project requirements.
- 03 Storage capacity is defined as 1 GB = 10^9 bytes and 1 TB = 10^{12} bytes. Actual formatted capacity will be less.
- 04 Supported operating systems are limited to the versions listed above. Other operating systems are not validated.
- 05 Wi-Fi 6E availability varies by region and local certification.
- 06 Ingress protection applies to the front panel only under specified test conditions.