

# FEC

# XPPPC

## SERIES

Built to Integrate, Born to Adapt



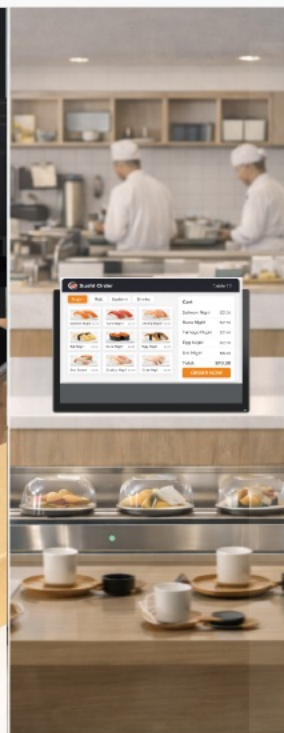
15" PP-9815 / 15.6" PP-9815W / 22" PP-9812W

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

**DP**  
DisplayPort 1.4 (DP++)

**FEC**

**Paper-Based Earth-Friendly.**







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

# XPPC Specification

**Integration Notice**

System performance and compatibility may vary depending on third-party peripherals, software, and deployment environments. Compatibility beyond the supported configurations listed in this document is not guaranteed. Ingress protection ratings apply only to tested configurations and specified areas, and may vary depending on installation and environmental conditions.

Model	PP-9815	PP-9815W	PP-9812W
Processor	Intel® Processor TwinLake N150 / i3-N355 <sup>1</sup>		
Memory	1 × 8 GB DDR5 SO-DIMM (Standard), up to 16 GB <sup>2</sup>		
Storage	1 × 128 GB M.2 2280 SSD (PCIe Gen 3 ×4, Standard), up to 512 GB <sup>3</sup>		
Speaker	2 × 2 W speakers		
Display	15" XGA (1024 × 768)	15.6" Full HD (1920 × 1080)	21.5" Full HD (1920 × 1080)
Brightness	350 nits / 500 nits	350 nits / 500 nits	250 nits / 500 nits
Touch	Projected capacitive (P-CAP)		
Operating System <sup>4</sup>	Windows 11 / Windows 11 IoT Enterprise / Windows 11 Pro Linux by Request		
Mounting	VESA 100 × 100 mm		
Certifications	FCC / CE / Class B		
Construction	Aluminum Die-Casting + Plastic		
Color	Galaxy Gray		
Environmental <sup>5</sup>	Operation: 0°C to 40°C (32°F to 104°F) / Storage: -20°C to 60°C (-4°F to 140°F)		
Ingress Protection (IP Rating)	IP65 (Front Panel) <sup>6</sup>		
Power	65W (19V) / 90W (20V) / 130W (20V) Power Adapter		
Net Weight <sup>7</sup>	3.92 kg (8.64 lb)	3.42 kg (7.54 lb)	5.5 kg (12.13 lb)
Dimensions (W × H × D)	342 × 273 × 34.5 mm (13.46 × 10.75 × 1.36 in)	368.2 × 253.3 × 30.6 mm (14.50 × 9.97 × 1.20 in)	512.3 × 308.9 × 45 mm (20.16 × 12.16 × 1.77 in)
			
I/O Ports	<ul style="list-style-type: none"> <li>1 × RJ11 (Cash Drawer)</li> <li>1 × RJ45 (COM)</li> <li>2 × USB 2.0 Type-A</li> <li>2 × USB 3.0 Type-A</li> <li>1 × GigaLAN</li> <li>1 × DisplayPort++</li> <li>1 × Smart DD / USB-C PD &amp; DP</li> <li>1 × DC-in</li> <li>1 × Smart I/O</li> </ul>		
I/O Optional <sup>8</sup>	 <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;"> <p><b>Universal I/O Options</b></p> <ul style="list-style-type: none"> <li>1 × Powered USB 24V</li> <li>1 × Powered USB 12V</li> <li>1 × RS-232</li> <li>2 × USB 2.0 Type-A</li> <li>1 × Second LAN</li> <li>1 × Audio</li> </ul> </div> <div style="border: 1px solid black; padding: 5px;"> <p><b>Smart I/O Options</b></p> <ul style="list-style-type: none"> <li>DB9 (RS-232) port</li> <li>DC-out 12V</li> <li>Powered USB 12V</li> <li>USB 2.0 Type-B + DC-out 24V (3-pin)</li> <li>USB 2.0 Type-B + DC-out 12V</li> <li>USB 3.0</li> </ul> </div> </div>		
Optional Modules <sup>9</sup>	<b>Communication &amp; Multimedia</b> Wi-Fi 6E <sup>10</sup> & Bluetooth <sup>®</sup> 5.2, Microphone, 2MP Camera	<b>Add-on Devices</b> MSR, Fingerprint Reader, iButton, RFID, MSR + RFID (2-in-1)	
Packaging / Logistics <sup>11</sup>	<b>Gross Weight</b> 6.2 kg (13.67 lb) <b>Carton Dimensions</b> 522 × 352 × 130 mm (20.55 × 13.86 × 5.12 in)	<b>Gross Weight</b> 6.7 kg (14.77 lb) <b>Carton Dimensions</b> 522 × 352 × 130 mm (20.55 × 13.86 × 5.12 in)	<b>Gross Weight</b> 7.0 kg (15.43 lb) <b>Carton Dimensions</b> 735 × 455 × 120 mm (28.94 × 17.91 × 4.72 in)

**CURIOS?  
CONTACT US.**



1. Performance, thermal behavior, and power consumption may vary by CPU configuration.  
 2. Due to DDR5 supply constraints, 2026 models will continue to use DDR4 memory. Full DDR5 adoption is planned starting in 2027.  
 3. Storage capacity is defined as 1 GB = 10<sup>9</sup> bytes and 1 TB = 10<sup>12</sup> bytes. Actual formatted capacity will be less.  
 4. Supported operating systems are limited to the versions listed above. Other operating systems are not validated.  
 5. Operation beyond the specified environmental conditions is not guaranteed.  
 6. Protection applies only to specified areas under defined conditions.  
 7. Weight varies by configuration and manufacturing process.  
 8. I/O availability may vary by system configuration.  
 9. Optional modules are available by configuration and may require validation.  
 10. Wi-Fi 6E is available only in countries and regions where supported.  
 11. Shipping weight includes packaging materials and may vary due to manufacturing tolerances.

**FEC 30<sup>th</sup>** Future. Empower. Commerce.

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