

IPP-J6412 Series

The IPP-J6412 series panel PC offers industrial-grade 16:9 touch displays in 10.1", 15.6", and 21.5" sizes, featuring multi-touch capability and a variety of I/O options. Its rugged design includes front IP65 protection, wide voltage input, shock and vibration resistance, and a broad operating temperature range, making it an ideal solution for industrial automation and even retail applications.

Features

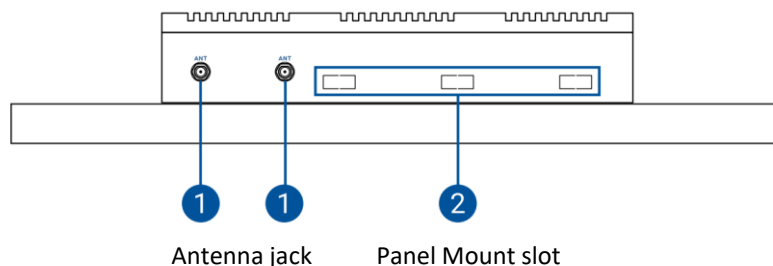
- 10.1", 15.6", 21.5" LCD with 16:9 wide screen
- P-CAP touch design
- Fanless and rugged design: front IP65, 9~36V, 0~50° C
- Best performance with excellent power and thermal solution
- Mounting solution: VESA standard panel mount and wall mount



Specifications

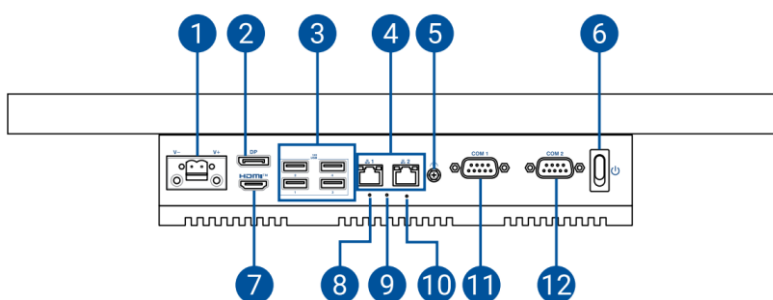
	Project Name	IPP-J6412-101W	IPP-J6412-156W	IPP-J6412-215W
Touch Display Panel	Screen	10.1 inch	15.6 inch	21.5 inch
	Active Display Area	216.96 x 135.6 mm	344.16 x 193.59 mm	475 x 267 mm
	Resolution	1280x800	1920x1080	1920x1080
	Screen Ratio	16:9		
	LCD Brightness	300 nits	300 nits	300 nits
	Viewing Angle	H:178° V:178°	H:178° V:178°	H:178° V:178°
	Touch surface treatment	AF		
	Cover Glass	1.8mm strength glass, black décor	1.8mm strength glass, black décor	1.8mm strength glass, black décor
	Touch Screen	P-CAP, 10 Touch Point		
System	CPU	Intel® Celeron® Processor J6412 Processor, 10W, Quad core		
	Memory	1 x SO-DIMM DDR4 max. 32GB		
	Storage	1 x 2.5" HDD Tray for SATA 6Gb/s connector 1 x M.2 Socket 3 with M key, type 2280 Gen 4 (PCIe x2 & SATA mode)		
	Expansion Slot	1 x M.2 B key (USB 2.0) 1 x M.2 Socket 1 with E key, type 2230 for WIFI/BT device		
	Operating System	Windows 10 IoT Enterprise 2021 LTSC, Ubuntu, Yocto		
	Audio	1 x 4-pin stereo, With AMP		
I/O	RS232	1		
	RS232/422/285	1		
	DP	1		
	HDMI	1		
	USB 3.2 gen1	4		
	LAN	2 x Intel® i210IT		
	DC-IN	1		
	Power Switch	1		
	GND screw	1		
	Antenna (at top side)	2		
Power Input	Power Supply	9~36 V DC		
Physical Characteristics	Enclosure	Fan-less design		
	Mounting	Panel mount, VESA Mount, Wall Mount		
	Weight (kg)	2.5	4.8	5.9
	Dimensions (HxVxD) (mm)	260.4x179x66.1	387.4x236.8x66.1	526.3x317.7x66.1
Environment	Operating Temperature	0~40°C 0~50°C (Optional)		
	Storage Temperature	-20~60°C		
	Relative Humidity	10 ~ 90%, non-condensing		
Certification	Safety and EMC	CE, FCC, CCC		

TOP I/O View



Bottom I/O View

- 1. Power Input jack
- 2. DisplayPort
- 3. USB 10Gbps port
- 4. LAN port
- 5. Functional Earth Ground
- 6. Power switch



- 7. HDMI™ port
- 8. Storage Device Activity LED
- 9. Power LED
- 10. System Reset pinhole
- 11. Serial (COM) connector
- 12. Serial (COM) connector

Order Information

Model name	Part number	Description
IPP-101W-J6412	90AE0251-M00010	10.1", J6412, DDR4 8G, M.2 SSD 128G
IPP-156W-J6412	90AE0241-M00010	15.6 , J6412, DDR4 8G, M.2 SSD 128G
IPP-215W-J6412	90AE0231-M00010	21.5 , J6412, DDR4 8G, M.2 SSD 128G
Panel Mount Kit	90AN*	Panel Mount Kit for IPP series
Wall Mount Kit	90AN*	Wall Mount (VESA) Kit for IPP series