

PPC-664R

6.5" Front Panel IP54 Panel PC with Intel® Celeron® J6412 Processor



Applications

- HMI Solution
- Embedded Panel PC on the chassis
- Digital Transformation
- ATM / Self-service / Kiosk Application
- Industrial Automation

Features

- 6.5" 640 x 480 Resolution, 800nits Panel
- Intel® Celeron® J6412 onboard Processor
- SECC Front Panel + Aluminum Back Cover
- IP54 Rated Front Panel
- Support 5-wire Resistive Touchscreen
- Support VESA and Panel Mounting

Ordering Information

Part No.	Description
PPC-664R	6.5" 4:3 (640 x 480), 800nits, 5-wire Resistive Touch, SECC, Intel® Celeron® J6412, 2 x GbE, 2 x HDMI, 4 x USB3.2, Line-Out, 12~36VDC (2-pin Terminal Block)

Packing List

Description
1 x PPC-664R

Optional Items

Part No.	Description
EA-PS-60W12VTB2xx-0211	Adapter AC/DC 12V 5A 60W with 2-pin Terminal Block Plug 5.0mm Pitch
27-x301000003-CA	Power Cord, 3-pin US Type, 180 cm
27-x301010005-CA	Power Cord, 3-pin EU Type, 180 cm
EA-AWD-4G003xxxxx-0011	4G (LTE) EG25-G + 2 Antennas, Full Size (for Global)
EA-AWD-WF007xxxxx-0010	Wi-Fi 802.11 a/b/g/n/ac/BT5.0 (2T2R) + 2 Antennas (Dual Band), Mini PCIe Half Size

Specifications

Model		PPC-664R
Processor System	CPU	Intel® Celeron® J6412 Processor
	Frequency	up to 2.60GHz
	BIOS	UEFI
	TPM	fTPM
Memory	Technology	Dual Channel DDR4 3200MHz (un-buffered and non-ECC)
	Max. Capacity	Support up to 32GB
	Type	2 x 260-pin SO-DIMM
Panel	Panel Type	6.5" LCD
	Aspect Ratio	4:3
	Resolution	640 x 480
	Brightness	800cd/m ²
	Color	16.2M
	Contrast Ratio	600:1
	Viewing Angle	160 (H) x 140 (V)
	Backlight MTBF (typ.)	50,000Hrs
Touchscreen	Touchscreen Type	5-wire Resistive
	Surface Hardness	3Mohs
	Transparency	80% (±3%)
I/O Interface	Ethernet	2 x GbE LAN Ports (Intel® I211-AT)
	HDMI	2 x HDMI 2.0, Max Resolution 4096 x 2160
	Serial Port	Optional for 2 x RS232/422/485
	USB	4 x USB3.2 Gen1
	Audio	1 x Line-out
Storage	2.5" SSD/HDD	Internal 1 x 2.5" SSD/HDD
	M.2	Internal 1 x M.2 2280 M-Key (PCIe x2, SATA)
Expansion	Mini-PCIe	1 x Full-Size Mini-PCIe with SIM slot (PCIe, USB2.0 and SIM)
	M.2	1 x M.2 2280 M-Key (PCIe x2, SATA)
Power	Power Mode	AT/ATX
	Power Supply Voltage	12~36V DC Input
	Power Connector Type	1 x DC Power Connector, 1 x 2-pin Terminal Block
Environment	Operating Temperature	-20C ~ +60°C
	Storage Temperature	-30C ~ +70°C
	Humidity	10% ~ 95%, Non-condensing
	Vibration	2.16Grms, 5 - 500Hz, 0.5hr/axis
	Shock	20G, half sine, 11ms
General	Certification	CE/FCC Class A
	Ingress Protection	Front Panel IP54
	Material	SECC Front Panel + Aluminum Back Cover
	Mounting	VESA (100 x 100mm) / Panel
	Dimensions (W x H x D)	191.4 x 158.2 x 73mm
	Net Weight	1.55kg
	Operating System	Windows 10 IoT, Windows 11 (IoT/Professional), Linux

Dimensions

