

PPC2044

Industrial Panel PC Series



PPC2044

PRODUCT HIGHLIGHTS

- ▶ 12.1" WXGA TFT flat bezel LCD display
- ▶ IP66/IP69K-rated (NEMA 4X) water/dust/corrosion-proof design
- ▶ Full stainless steel enclosure with type 316
- ▶ -20°C to +50°C wide operating temperature range
- ▶ Fanless design with Intel® Core™ i5-7300U processor
- ▶ M12 type I/O connectors for harsh environments
- ▶ Optional Wi-Fi/3G kit for wireless network connectivity
- ▶ 9 to 36V DC wide range power input



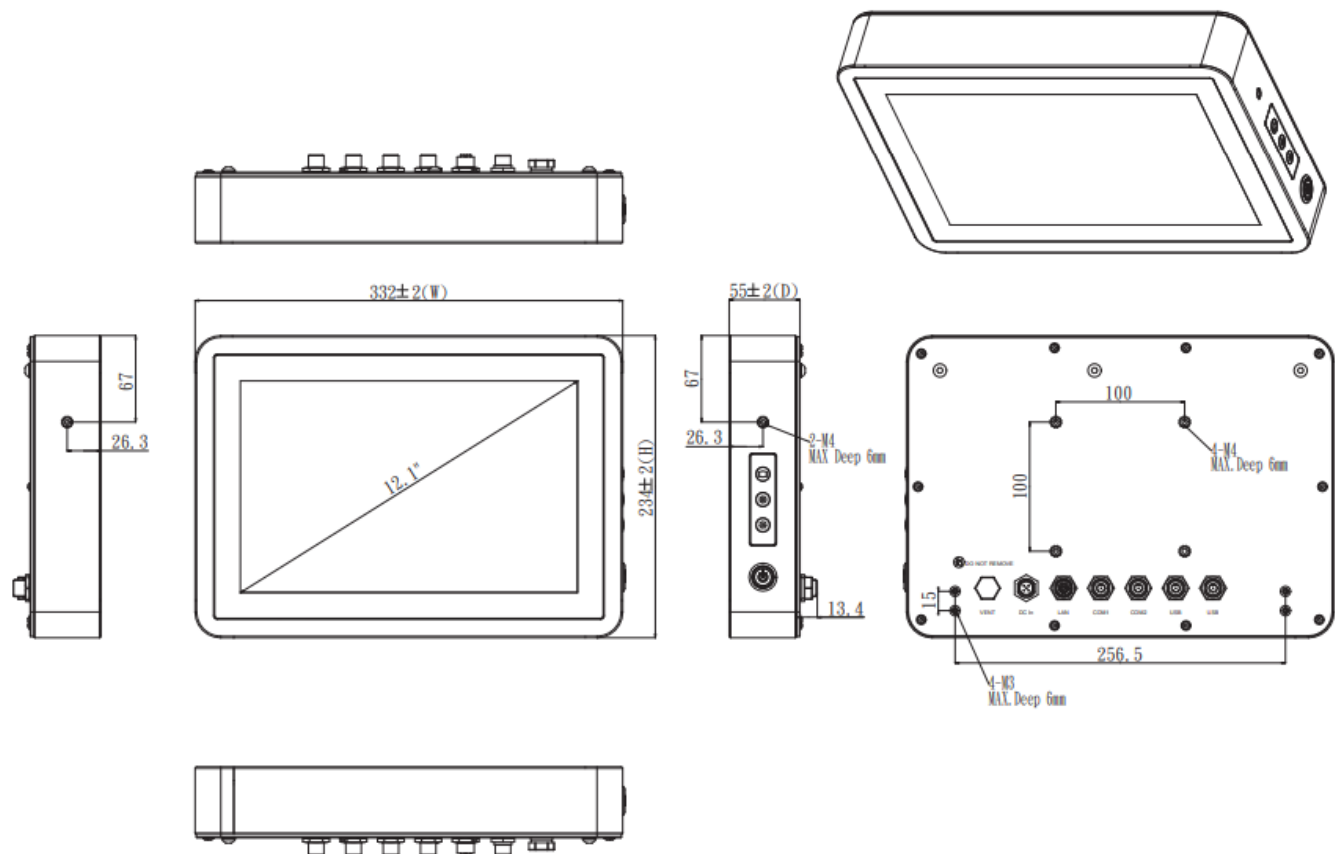
TECHNICAL INFORMATION

PANEL	12.1" WXGA TFT LCD 400 nits 1280 x 800 pixels
PROCESSOR	Intel® Core™ i5-7300U 2.6 GHz, up to 3.5 GHz (Kaby Lake)
CHIPSET	SoC integrated
SYSTEM MEMORY	1 x 260-pin DDR4-2133 SO-DIMM, up to 16GB
BIOS	AMI
COM	2 x RS-232/422/485 (default RS-232, A-coded)
USB	4 x USB 2.0 (A-coded)
ETHERNET	1 x 10/100/1000 Mbps Ethernet (Intel® I210-IT; X-coded)
DISPLAY	N/A
AUDIO	N/A
STORAGE	1 x 2.5" SSD HDD or 1 x 2.5" SATA HDD (9.5 mm height)
EXPANSION	1 x Full-size PCI Express Mini Card slot 1 x Half-size PCI Express Mini Card slot
OTHERS	1 x DC power connector (M12)
TOUCHSCREEN	5-wire resistive touch or projected capacitive multi-touch
FRONT BEZEL	Stainless type 316
POWER SUPPLY	9 to 36 VDC
POWER CONSUMPTION	56.5W
WATCHDOG TIMER	255 levels, 1 to 255 sec.
OPERATING TEMPERATURE	-20°C to +50°C (-4°F to +122°F)
RELATIVE HUMIDITY	10% - 95% @ +40°C, non-condensing
VIBRATION	1G, 5 - 500Hz, random for 2.5" SSD
DIMENSIONS (W X D X H)	332 x 55 x 234 mm (13.07" x 2.2" x 9.21")
WEIGHT (NET/GROSS)	4.55 kgs (10.03 lb)/6 kgs (13.22 lb)
CERTIFICATIONS	CE
OS SUPPORT	Windows® 10 IoT Enterprise, Windows® 10 Pro
MOUNTING	Suspension VESA mount

► TECHNICAL INFORMATION (CONTINUED)

OPTIONS	Water-proof COM cable (1.8 m) USB cable M12-8P-F/2 x type A (1.8 m) Water-proof LAN cable (1.8 m) Adapter 24V 90W, M12 A-code
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► MECHANICAL DRAWING



► Company Address

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