

PPC1024

Industrial Panel PC Series



PPC1024

PRODUCT HIGHLIGHTS

- ▶ 4:3 15" XGA fanless LED Panel PC
- ▶ Intel® Celeron® J3455 processor
- ▶ Flush panel with 5-wire resistive touch screen
- ▶ Rich IO: Dual GbE LAN/DP/COM/USB 3.0 & USB 2.0 ports
- ▶ 1 x 2.5" HDD/SSD bracket, 1 x mini-PCIe & 1 x M.2
- ▶ 4GB DDR3L installed as standard, supports up to 8GB
- ▶ IP65 compliant front panel
- ▶ Mounting support: panel/wall/stand/VESA
- ▶ 24V DC input with optional AC adapter



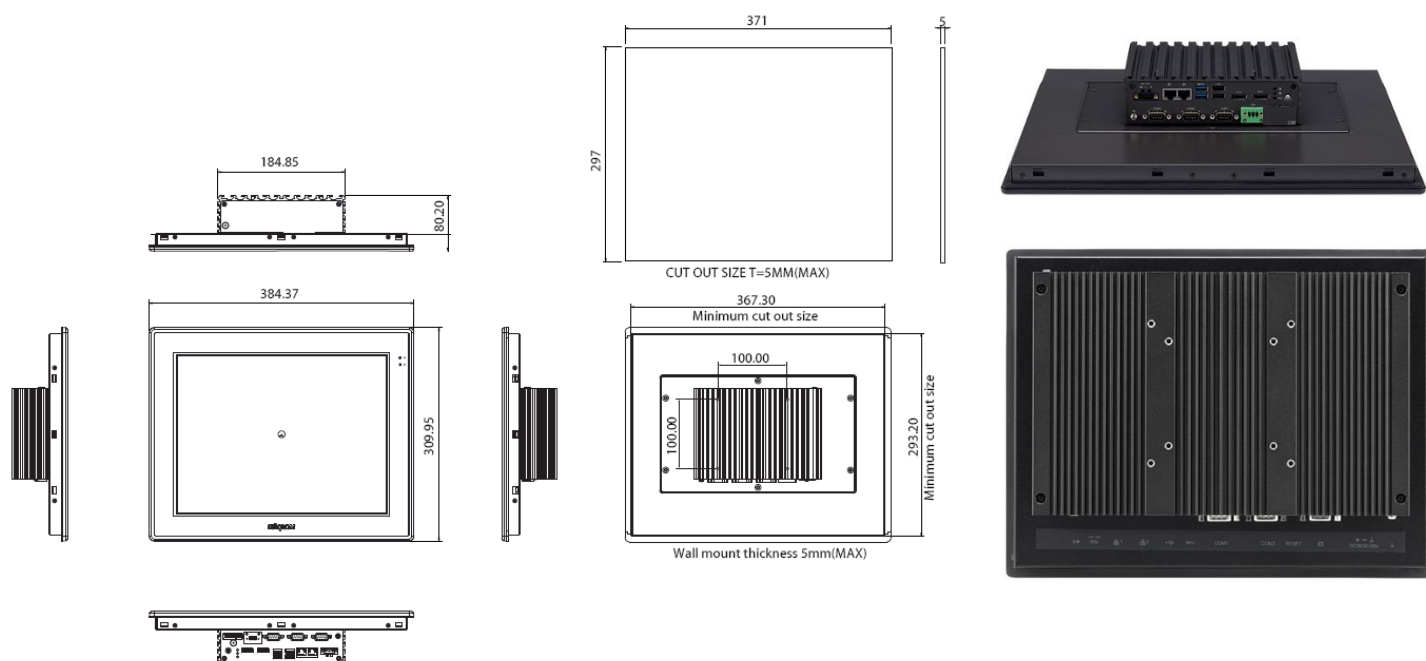
TECHNICAL INFORMATION

PANEL	LCD size: 15", 4:3 Resolution: XGA 1024 x 768 Luminance: 400cd/m2 Contrast ratio: 2500 LCD colour: 16.7M Viewing angle: 88 (U), 88 (D), 88 (L), 88 (R) Backlight: LED
TOUCH SCREEN	5-wire resistive (flush panel type) Touch light transmission: 80% Touch interface: USB
SYSTEM	CPU: Intel® Celeron® J3455 Quad Core processor, 1.50GHz BIOS: AMI BIOS System memory: 1 x 204-pin DDR3L SO-DIMM socket, 4GB DDR3L (default), supports up to 8GB DDR3L-1866, non-ECC and un-buffered Storage device - 1 x Internal M.2 2242 - 1 x Hard drive bay: optional 1 x 2.5" SATA HDD Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25°C) Expansion: 1 x mini-PCIe socket (supports optional Wi-Fi module) Front LED indicator to show operating status
REAR I/O	Ethernet: 2 x RJ45 Display: 2 x DP1.2 USB: 2 x USB 2.0, 2 x USB 3.0 LED indicator: power/HDD/GPIO programmable LED Power button COM #3: RS232/422/485 COM #1&2: RS232
ETHERNET	Dual Intel® I210-IT Gigabit LAN Ethernet interface: 10/100/1000 based-Tx Ethernet compatible
MECHANICAL & ENVIRONMENTAL	Colour: Pantone black\RAL 15 00 front bezel w/Pantone 400C\RAL 090 80 10 IP protection: IP65 front Mounting: panel/wall/stand/VESA 100mm x 100mm Power: - Power input: 24V VDC (optional AC to DC power adapter (+24V, 60W)) Vibration: - IEC 68 2-64 (w/HDD) - 1Grms @ sine, 5~500Hz, 1hr/axis (HDD operating) - 2Grms @ sine, 5~500Hz, 1hr/axis (M.2/SSD operating) - 2Grms @ sine, 5~500Hz, 1hr/axis (CFast operating) - 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (non-operating) Shock: - IEC 68 2-27 - HDD: 20G @ wall mount, half sine, 11ms Temperature: - Operating temperature: 0°C to 50°C - Storage temperature: -20°C to 75°C Operating humidity: 10%~90% relative humidity, non-condensing (limits to be at 90% RH at max 50°C)

► TECHNICAL INFORMATION (CONTINUED)

DIMENSIONS	384.37 x 309.95 x 80.2mm
WEIGHT	4.6kg
CERTIFICATIONS	CE approval FCC Class A
OS SUPPORT	Windows 10 IoT Windows 10 Pro
OPTIONS	24V, 60W AC/DC power adapter w/o power cord WI-FI module

► MECHANICAL DRAWING



► Company Address

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