

NEW



Features

- 4:3 8" SVGA fanless panel computer
- Intel® Atom™ E3826, dual core, low power consumption CPU
- Flush panel 5-wire touch screen
- Dual GbE/2nd display-VGA/2x RS232/422/485/Line-out
- 3 x USB 2.0/1 x USB 3.0/1 x mini-PCIe sockets/1 x CFast
- Remote power switch
- DDR3L 2GB/2.5" HDD bracket
- IP65 compliant front panel
- Supports fieldbus module, JMobile HMI, Citect SCADA and CODESYS SoftLogic (optional)
- Mounting support: Panel/Wall/Stand/VESA 75mm x 75mm
- Wide range power input 12~30V DC

Overview

Incorporating an 8" 4:3 touch screen LCD panel with resolutions up to 800 x 600 (SVGA) and 400 nits brightness, the PPC-0804 is a fanless Panel PC based on the power efficient Atom™ E3826 processor. The Panel PC has a flush panel design that is IP65 rated ideal for industrial applications. The touch screen is extremely durable, reliable, and scratch resistant.

The PPC-0804 has a slim line design for space-critical applications, such as; access control, small automation machineries, forklifts etc. The PPC-0804 supports WWAN/WLAN expansion and has Dual Gigabit Ethernet connectors, one Mini-PCIe slot and one SIM card holder. With support for a wide power input of 12~30V DC, the PPC-0804 is ideal for industrial field and machine devices. In addition, the PPC-0804 supports a secondary display via an onboard VGA port. For communication the PPC-0804 has two RS232/422/485 ports, three USB2.0 port, one USB3.0 port and fieldbus port.

Specification

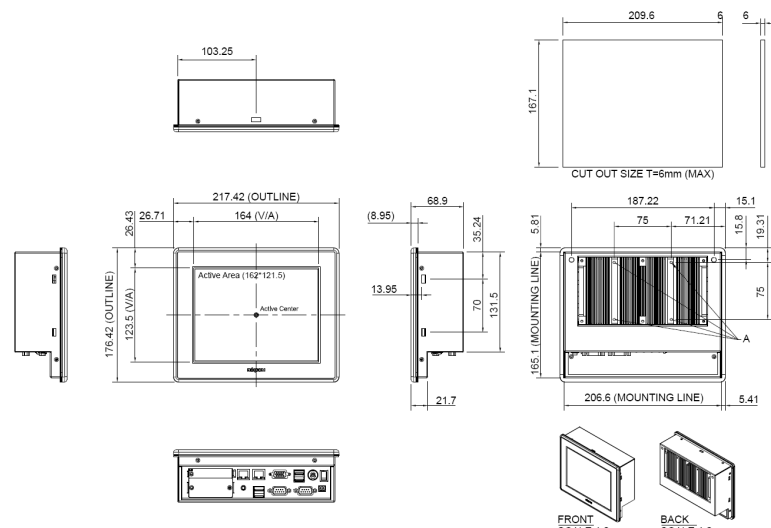
Panel	LED size: 8", 4:3 Resolution: SVGA 800 x 600 Luminance: 400cd/m ² Contrast ratio: 500 LCD colour: 262K/Viewing angle: 50(U), 70(D), 70(L), 70(R) Backlight: LED
Touch screen	5-wire resistive (flush panel type) Touch light transmission: 82% Touch interface: USB
System	CPU: On-board Intel® Atom™ dual core processor E3826, 1.46GHz, 1M L2 Cache BIOS: AMI BIOS System memory: 1x 204-pin DDR3L SO-DIMM socket, 2GB DDR3L (default), support up to 8GB DDR3L-1066/1333, non-ECC and unbuffered Storage device: - 1 x external locked CFAST socket -- 1 x hard drive bay: optional 1x 2.5" SATA HDD or 1x SATA DOM 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) H/W status monitor: monitoring system temperature, and voltage Expansion: 1x Mini-PCIe socket (support optional Wi-Fi, 3.5G module or fieldbus card)

Ethernet	LAN chip: dual Intel® I210AT Gigabit LAN Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible
Mechanical & Environment	Colour: Pantone Black IP protection: IP65 front Mounting: panel/ wall/ stand/ VESA 75mm x 75mm System with panel mounting kit w/o panel mounting hole Power input: 12~30V DC Power adapter: Optional AC to DC power adaptor (+12V, 60W) Vibration: - IEC 68 2-64 (w/ HDD) - 1Grms @ sine, 5~500Hz, 1hr/axis (HDD 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 Operating temperature: -5°C to 50°C Storage temperature: -20°C to 75°C Operating humidity: 10%~90% relative humidity, non-condensing Dimension: 217.4x176.4x68.9mm Weight: 2.3Kg
Certifications	CE approval FCC Class A

Rear I/O	Ethernet: 2x RJ45 2nd display VGA port: 1x DB15 Audio port: 1x Line out USB: 3 x USB 2.0; 1 x USB 3.0 Power switch Remote power switch Reset button COM #1: RS232/422/485 COM #2: RS232/422/485 Fieldbus: (protocol interface optional) FB190E-PNM: ProfiNET Master, Dual RJ-45 FB190E-EP: Ethernet/IP Master, Dual RJ-45 FB190E-ECM: EtherCAT Master, Dual RJ-45 FB190E-PBM: Profibus Master, DB9 FB190E-DNM: DeviceNet Master, 5-pins Phoenix Contact Terminal
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Audio	AC97 codec: Realtek ALC886-GR Audio interface: Line-out/ Line-in (Optional)/ MIC-in (Optional) audio Jack
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All systems are fully integrated and are configurable to meet your application requirements



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