

PPC-0804

Industrial Panel PC Series



PPC-0804

PRODUCT HIGHLIGHTS

- ▶ 4:3 8" SVGA fanless panel computer
- ▶ Intel® Atom™ E3826, Dual Core, low power consumption CPU
- ▶ Flush panel with 5-wire resistive touch screen
- ▶ Dual GbE/2nd display-VGA/2x RS232/422/485/Line-out ports
- ▶ 3 x USB 2.0/1 x USB 3.0/1 x mini-PCIe socket/1 x CFast ports
- ▶ DDR3L 2GB/2.5" HDD bracket
- ▶ IP65 compliant front panel
- ▶ Supports Fieldbus module
- ▶ Mounting support: panel/wall/stand/VESA 75mm x 75mm
- ▶ Wide range power input 12~30VDC



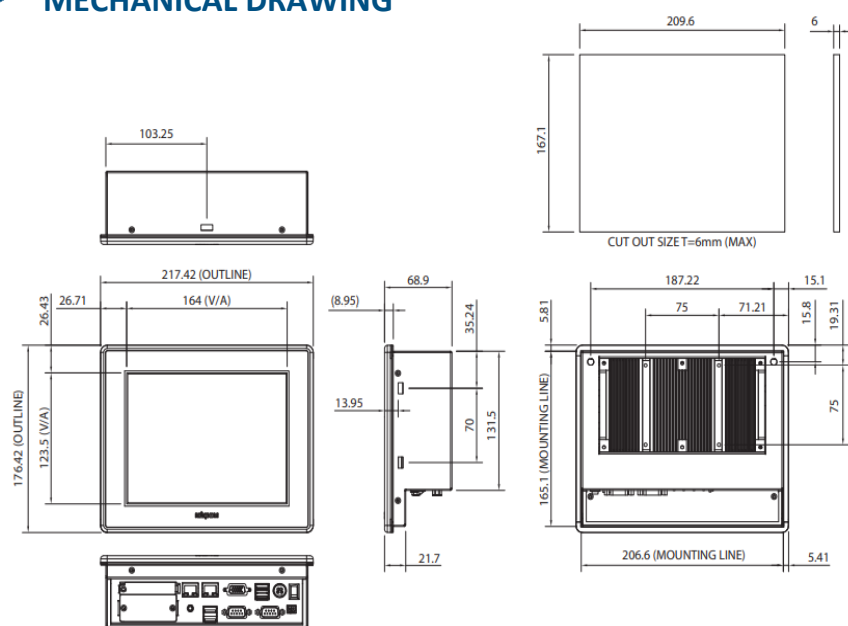
TECHNICAL INFORMATION

PANEL	LCD size: 8", 4:3 Resolution: SVGA 800 x 600 Luminance: 400cd/m2 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 socket1 (support optional Wi-Fi, 3.5G module or fieldbus card)
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) FBI90E-PNM: PROFINET Master, Dual RJ-45 FBI90E-EP: Ethernet/IP Master, Dual RJ-45 FBI90E-ECM: EtherCAT Master, Dual RJ-45 FBI90E-PBM: PROFIBUS Master, DB9 FBI90E-DNM: DeviceNet Master, 5-pins Phoenix Contact terminal
AUDIO	HD codec: Realtek ALC886-GR Audio interface: Line-out audio jack
ETHERNET	LAN chip: dual Intel® I210AT Gigabit LAN Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

► TECHNICAL INFORMATION (CONTINUED)

MECHANICAL & ENVIRONMENTAL	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: 12~30VDC Power adapter: Optional AC to DC power adapter (+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 limits to be at 90% RH at max 50°C Dimension: 217.4x176.4x68.9mm Weight: 2.3Kg
CERTIFICATIONS	CE approval FCC Class A
OS SUPPORT	Windows 8 32bit/64bit Windows 7 32bit/64bit WinCE 7.0
OPTIONS	12V, 60W AC/DC power adapter w/o power cord PROFINET, EtherNet/IP, EtherCAT, SERCOSIII master interface module: FBI 90E-REM PROFINET master interface module: FBI 90E-PNM PROFIBUS master interface module: FBI 90E-PBM DeviceNet master interface module: FBI 90E-DNM EtherCAT master interface module: FBI 90E-ECM

► MECHANICAL DRAWING



► Company Address

Kontron UK Limited
 Units 3, 4, 5, 9 & 10 New Bury Park
 Marsh Lane, Easthamphett, UK
 TEL: +44 (0) 1243 380780
uksales@kontron.com
www.industrial-computers.com