

PPC-104QM

10.4" Fanless Industrial Panel PC with
Intel® Atom N270 + Intel® 945GSE/ ICH7-M



- 10.4" TFT LCD Display
- Intel® Atom™ Processor N270
- Intel® 945GSE / ICH7-M
- IP65 approved front bezel
- Resistive 5-wire TouchScreen
- 1x 2.5" SATA HDD or 1x SSD, and 1x CompactFlash
- 1x GbE, 2x COMs, 2x USB ports, DVI-I

IPC Chassis

Power Supply

LCD KVM

RAID System

Panel PC

KIOSK

Product Overview

The PPC-104QM 10.4" Panel PC is combining the latest Intel 45nm Intel® Atom™ processor with the high integration of the Intel® 945GSE/ ICH7-M chipset for a wide range of industrial applications. Storage includes a 2.5" SATA hard drive or a solid-state drive (SSD), and CompactFlash. Supported interfaces include a GbE LAN, 2x serial ports, USB 2.0 ports, DVI-I, thus easily meeting a broad range of customer requirements.

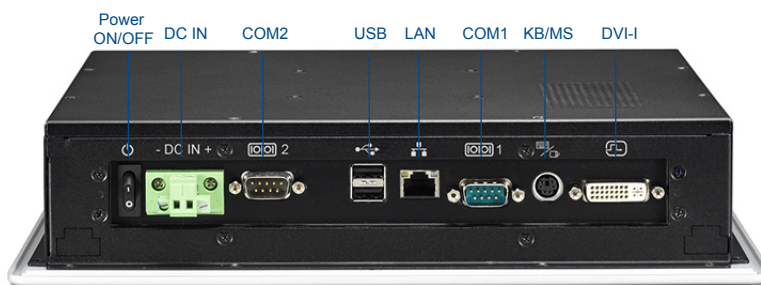
The PPC-104QM provides a compact, high performance human-machine interface, with optimal shock, vibration and temperature resistance for tough industrial demands.

Technical Information

System	
CPU	Intel® Atom™ Procsssor N270
Chipset	Intel® 945GSE/ICH7-M
Memory	1x DDR2 400/533 SO-DIMM Socket, up to 2GB
Internal Storage	1x 2.5" SATA HDD or 1x SSD 1x CompactFlash
Expansion slots	None
Cooling	Fanless
Material	Aluminum front bezel & SECC chassis
I/O	1x GbE, RJ-45 2x USB 2.0 1x DVI-I 2x COMs with 5V/12V Power Selection (COM1 RS-232/422/485) 1x 6-pin mini-DIN Keyboard/ Mouse Connector 1x Power On/Off Switch 1x Power Connector
LCD Display	
Display type	10.4" TFT LCDSXGA
Resolution	SVGA (800 x 600)
Brightness	PPC-104QM-a (230 cd/m²), PPC-104QM-b (400 cd/m²),
Touch Screen	5-wire Resistive Type

Network	
Wireless LAN	Wireless LAN 802.11b/g (optional)
On-board LAN	1x Gigabit Ethernet
Size and weight	
Dimensions	297.8 x 233.5 x 63.3 mm (W x H x D)
Weight	3.0 kg
Power Input	
DC-12V (Optional DC24V)	
Mounting Type	
VESA, Panel Mount	
Environmental Specification	
Temperature	Operating: 0°C to 50°C (CF, SSD), 0°C to 45°C (2.5" HDD) Storage: 0°C to 70°C, 10%-85% rel. hum., non-condensing
Compliant	
CE, FCC Class A, IP65 front bezel	

PPC-104QM Rear IO



Product Information

Article	Description
PPC-104QM-a	10.4" Fanless Touch Panel PC- Intel® Atom™ Procsssor N270 (standard brightness: 250 nits)
PPC-104QM-b	10.4" Fanless Touch Panel PC- Intel® Atom™ Procsssor N270 (high brightness: 400 nits)