

PPC-15QM/ 17QM

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



- 15"/17" TFT LCD Display with Resistive 5-wire TouchScreen
- Intel® Atom™ Processor N270
- Intel® 945GSE / ICH7-M
- IP65 approved front bezel
- 1x PCI Slot and 1x Mini PCI Slot Expansion
- 1x GbE, 4x COMs, 4x USB ports, VGA, HD Audio

IPC Chassis

Power Supply

LCD KVM

RAID System

Panel PC

KIOSK

Product Overview

The PPC-15QM/ 17QM Panel PCs combines 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 slim optical drive. Supported interfaces include a GbE LAN, HD audio, 4x

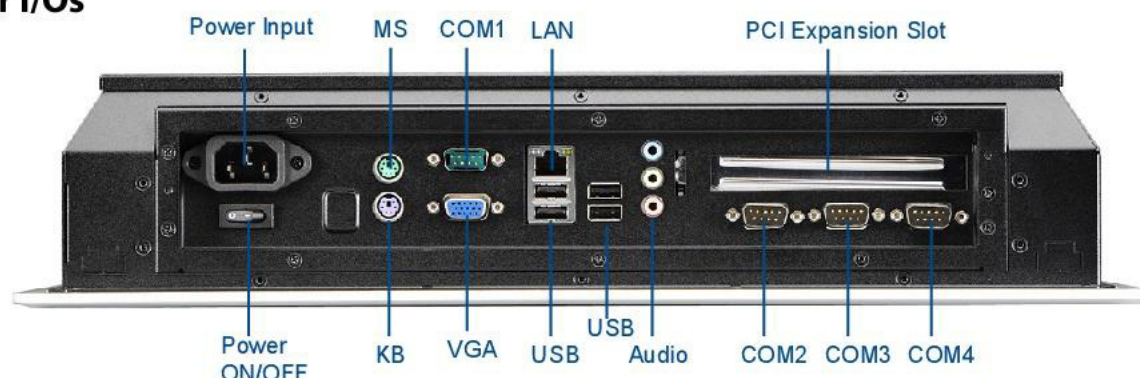
serial ports, USB 2.0 ports, PCI slot, and Mini PCI slot, thus easily meeting a broad range of customer requirements. The PPC-15QM/ 17QM provides compact, high performance human-machine interface, with optimal shock, vibration and temperature resistance for tough industrial demands.

Technical Information

System		
CPU	Intel® Atom™ Procссор 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 Slim DVD-ROM	
Expansion slots	1x PCI slot,	
	1x Mini PCI slot	
Cooling	Fanless	
Material	Aluminum front bezel & SECC chassis	
I/O	1x GbE, RJ-45	
	4x USB 2.0	
	1x VGA (DB-15)	
	4x COMs with 5V/12V Power Selection (COM1 RS-232/422/485, COM2/3/4 RS-232)	
	1x PS/2 Keyboard Connector	
	1x PS/2 Mouse Connector	
	1x Power On/Off Switch	
	1x Power Connector	
	Mic-in, Line-in, Line-out	
LCD Display		
	PPC-15QM	PPC-17QM
Display type	15" TFT LCD	17" TFT LCD
Resolution	XGA (1024 x 768)	SXGA (1280 x 1024)
Brightness	250 cd/m²	350 cd/m²
Touch Screen	5-wire Resistive Type	5-wire Resistive Type

Network		
Wireless LAN	Wireless LAN 802.11b/g (optional)	
On-board LAN	1x Gigabit Ethernet	
Size and weight	PPC-15QM	PPC-17QM
Dimensions	410 x 315 x 82 mm (W x H x D)	442 x 354 x 91 mm (W x H x D)
Weight	6.4 kg	8.5 kg
Power Input		
AC 100-240V(Optional DC-12V or DC-24V)		
Mounting Type		
VESA, Panel Mount		
Environmental Specification		
Temperature	Operating: 0°C to 45°C (CF, SSD), 0°C to 40°C (2.5" HDD)	
	Storage: 0°C to 70°C, 10%-85% rel. hum., non-condensing	
Compliant		
CE, FCC Class A, IP65 front bezel		

Rear I/Os



Product Information

Article	Description
PPC-17QM	17" Fanless Touch Panel PC- Intel® Atom™ Procссор N270
PPC-15QM	15" Fanless Touch Panel PC- Intel® Atom™ Procссор N270