

HPC-1000

10.1" Home Automation Panel PC with
Intel® Atom N270 + Intel® 945GSE/ ICH7-M



- 10.1" TFT LCD Display
- Intel® Atom™ Processor N270
- Intel® 945GSE / ICH7-M
- Resistive 5-wire TouchScreen
- 1x 2.5" SATA HDD or 1x SSD, and 1x CompactFlash
- 1x GbE, 1x COM, 2x USB ports, DVI-I
- Digital I/Os, Mic-In, 2x Speakers
- Optional Digital Camera , RFID and Wireless LAN

Product Overview

The HPC-1000 10.1" Panel PCs 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 HPC series provide a compact, high performance human-machine interface for home automation demands.

Technical Information

System	
CPU	Intel® Atom™ Processor 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	Plastic front bezel & SECC chassis
I/O	1x GbE, RJ-45 2x USB 2.0 1x DVI-I 1x COM with 5V/12V Power Selection (RS-232/422/485) 1x DB15 (4x Digital IN, 4x Digital OUT) 1x 6-pin mini-DIN Keyboard/ Mouse Connector 1x Power On/Off Switch 1x Power Connector
LCD Display	
Display type	10.1" TFT LCD WSVGA
Resolution	16:9 WSVGA (1024 x 576)
Brightness	200 cd/m ²
Touch Screen	5-wire Resistive Type

Network	
Wireless LAN	Wireless LAN 802.11b/g (optional)
On-board LAN	1x Gigabit Ethernet
Audio	
Built-in 2x Stereo Speakers, MIC-IN	
RFID	
RFID USB Module (optional)	
Camera	
2 Megapixel digital camera (optional)	
Size and weight	
Dimensions	TBD mm (W x H x D)
Weight	TBD kg
Power Input	
DC-12V	
Mounting Type	
VESA	
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	

Product Information

Article	Description
HPC-1000	10.1" Fanless Home Automation Panel PC- Intel® Atom™ Processor N270