

HPC-1010

10.1" Fanless Panel PC w/
Dual Core Intel® Atom™ Processor N2800



- 10.1" LCD Display with 1024 x 600 resolution
- Intel® Atom™ Processor N2800/ Intel® NM10 Express Chipset
- Intel® Graphics Media Accelerator 3650
- DDR3 800/1066MHz memory support up to 4GB
- 1x HDMI, 1x DVI-I
- 6x USB2.0, 1x COM, 2x GbE LAN, 1xSATA
- 1x Mini-PCIe slot supported
- Fanless design
- Optional RFID and Wireless LAN

Product Overview

The HPC-1010 10.1" Panel PC is combining the Intel® Atom™ processor N2800 with the high integration of the Intel® NM10 Express chipset for a wide range of industrial applications. Storage includes a 2.5" SATA hard drive or a solid-state drive (SSD). Supported interfaces include 2x

GbE LAN, 1x COM port, 6x USB 2.0 ports, 1x SATA, 1x HDMI, 1x 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

CPU Support	
	Intel® Atom™ Processor N2800 (1M Cache, 1.86 GHz)
Chipset	
	Intel® NM10 Express chipset
Memory	
	1x Single Channel DDR3 800/1066MHz SODIMM support (4GB max)
BIOS	
	AMI Plug & Play SPI BIOS
Graphic	
	Intel® Graphics Media Accelerator 3650
Touch Sensor	
	5-wire resistive touch sensor
LCD Display	
	Size: 10.1inch, 16:9 Resolution: 1024 x 600 Backlight: LED Contrast Ratio: 500:1 (typical) Brightness: 200cd/m2 (typical)
External Display	
	1x HDMI 1x DVI-I
LAN	
	2x Gigabit Ethernet (Realtek RTL8111E) PXE/WOL supported
Audio	
	Realtek ALC662 HD Codec w/ 2W Audio Amplifier Line-In, Line-Out and Mic-In Supported

Storage	
	1x 2.5" SATA HDD or SSD space
USB	
	6x USB 2.0
COM	
	1x COM port with RS-232/422/485 selection supported
Expansion slot	
	1x Mini-PCle slot
Hardware Monitor	
	Operating voltage, CPU temperature
Optional items	
	RFID and Wireless LAN (Optional)
Watchdog Timer	
	1-255 step, can be set with software on Super I/O
Power	
	DC 12V Input
OS Support	
	Window 7
Dimensions	
	262x200x74mm (WxDxH)
Environmental Factors	
	Operating Temperature: With Industrial SSD: -10 ~ 50° C (Ambient with air flow) With 2.5" HDD: 0 ~ 40° C (Ambient with air flow) Storage Temperature: -20°C to 80°C, 0%-90%, non-condensing
Certifications	
	CE, FCC Class A

HPC-1010 I/Os

