

KPC-1760

17" Fanless Panel PC with
Dual Core Intel® Atom™ Processor D2550
+ Intel® NM10 Express Chipset



- 17" LCD Display with 1280 x 1024 resolution
- Intel® Atom™ Processor D2550
- Intel® NM10 Express Chipset
- Intel® Graphics Media Accelerator 3650
- DDR3 800/1066MHz memory support up to 4GB
- 1x HDMI, 1xVGA
- 4x USB2.0, 2x COMs, 2x GbE LAN, 2xSATA
- 2x Mini-PCIe slots supported
- Fanless design



Product Overview

The KPC-1760 Fanless Panel PC is combining the latest Intel® Atom™ processor D2550 with the high integration of the Intel® NM10 Express chipset. Featured are DDR3 800/1066MHz SODIMM up to 4GB, includes 2x 2.5" SATA hard drive or solid-state drive (SSD). Supported interfaces include a 2x GbE LAN, 4x USB 2.0 ports, 1x HDMI, 2x COM ports, 1xVGA, 2x Mini-PCIe slots thus easily meeting a

broad range of customer requirements.

The KPC series provide a compact, high performance human-machine interface, with optimal shock, vibration and temperature resistance for tough industrial demands.

Technical Information

CPU Support	
Intel® Atom™ processor D2550 (1M Cache, 1.86GHz)	
Chipset	
Intel® NM10 Express Chipset	
Memory	
1 x Single-channel DDR3 800 / 1066 MHz memory support (4GB max)	
BIOS	
AMI Plug & Play SPI BIOS	
Graphics	
Intel® Graphics Media Accelerator 3650	
LCD Display	
Display Size	17 inch, 5:4
Resolution	1280 x 1024
Backlight	LED
Contrast Ratio	1000:1 (typical)
Brightness	350 cd/m ² (typical)
Touch Sensor	
5-wire resistive touch sensor	
External Display	
1x HDMI 1x VGA	
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	
2 x2.5" SATA HDD or SSD space	
USB	
4 x USB 2.0	
COM	
2 x COM ports COM 1- RS-232/422/485 selection supported COM 2- RS-232 selection supported	
Expansion Slot	
2x Mini PCIe slots	
Hardware Monitor	
Operating voltage, CPU temperature	
Watchdog Timer	
1-255 step, can be set with software on Super I/O	
Power	
DC 12V input (Optional : DC 24V)	
OS Supported	
Windows 7	
Dimensions	
442mm x 354 mm x 58mm (WxDxH)	
Environment	
Operation Temp.: 0°C - 50°C Storage Temp.: -20°C - 60°C Humidity: 0% - 95%	
Certification	
CE, FCC Class A	

KPC-1760 I/Os

