

# KPC-1560

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



- 15" LCD Display with 1024 x 768 resolution
- Intel® Atom™ Processor D2550
- Intel® NM10 Express Chipset
- Intel® Graphics Media Accelerator 3650
- DDR3 800/1066MHz memory support up to 4GB
- 1x HDMI, 1x DP, 1xVGA
- 4x USB2.0, 2x COMs, 2x GbE LAN
- 1x Mini-PCIe slot supported
- Fanless design



## Product Overview

The KPC-1560 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 a 2.5" SATA hard drive or a solid-state drive (SSD). Supported interfaces include a 2x GbE LAN, 4x USB 2.0 ports, 1x HDMI, 2x COM ports, 1x DP, 1xVGA, 1xMini-PCIe slot 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

<b>CPU Support</b>		Intel® Atom™ processor D2550 (1M Cache, 1.86GHz)
<b>Chipset</b>		Intel® NM10 Express Chipset
<b>Memory</b>		1 x Single-channel DDR3 800 / 1066 MHz memory support (4GB max)
<b>BIOS</b>		AMI Plug & Play SPI BIOS
<b>Graphics</b>		Intel® Graphics Media Accelerator 3650
<b>LCD Display</b>		
Display Size	15 inch, 4:3	
Resolution	1024 x 768	
Backlight	LED	
Contrast Ratio	600:1 (typical)	
Brightness	350 cd/m <sup>2</sup> (typical)	
Viewing Angle	-45°~45° / -45°~20° (H/V, typical)	
<b>Touch Sensor</b>		5-wire resistive touch sensor
<b>External Display</b>		
1x HDMI		
1x VGA		
1x DP		
<b>LAN</b>		
2x Gigabit Ethernet (Realtek RTL8111E)		
PXE/WOL supported		
<b>Audio</b>		
Realtek ALC662 HD Codec w/ 2W Audio Amplifier		
Line-In, Line-Out and Mic-In Supported		
<b>Storage</b>		1x 2.5" SATA HDD or SSD space
<b>USB</b>		4x USB2.0
<b>COM</b>		2 x COM ports with RS-232/422/485 selection supported
<b>Expansion Slot</b>		1x mPCIe slot
<b>Hardware Monitor</b>		Operating voltage, CPU temperature
<b>Watchdog Timer</b>		1-255 step, can be set with software on Super I/O
<b>Power</b>		DC 12V input (Optional: DC 24V)
<b>Cooling</b>		System Fan with smart fan function
<b>OS Support</b>		Windows 7
<b>Environment</b>		
Operation Temperature: 0°C - 50°C		
Storage Temperature: -20°C - 60°C		
Humidity: 0% - 95%		
<b>Dimension</b>		410mm x 315 mm x 49mm / 16.14" x 12.40" x 1.93" (WxDxH)
<b>Mounting</b>		VESA Mount
<b>Certification</b>		CE, FCC Class A

## KPC-1560 I/Os

