

KPC-15A0/17A0

15" / 17" Panel PC w/
2nd Generation Intel® core i3/ i5/i7 processors



- 2nd Generation Intel® core i3/ i5/i7 processors
- Intel® QM67/ HM65 Express Chipset
- Intel® HD Graphics 3000 processor graphics
- DDR3 1066/1333 MHz memory support up to 8GB
- 1x HDMI, 1x DP, 1xVGA
- 4x USB2.0, 2x COM, 1x DIO, 2x GbE LAN
- 1x Mini-PCIe slot supported



Product Overview

The KPC-15A0/17A0 Panel PCs are combining with the high integration of the Intel® QM67/HM65 Express chipset. Featured are DDR3 1066/1333 MHz memory support up to 8GB, includes a 2.5" SATA hard drive or a solid-state drive (SSD). Supported interfaces include 2x GbE LAN, 4x USB 2.0 ports, 1x HDMI, 1x DP, 1xDIO, 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

CPU Support		
Intel® 2nd Generation Intel® core i3/ i5/i7 processors		
Chipset		
Intel® QM67/ HM65 Express Chipset		
Memory		
1 x DDR3 1066 / 1333 MHz memory support (8GB max)		
BIOS		
AMI Plug & Play SPI BIOS		
Graphics		
Intel® HD Graphics 3000 processor graphics		
LCD Display	KPC-15A0	KPC-17A0
Display Size	15 inch, 4:3	17 inch, 5:4
Resolution	1024 x 768	1280 x 1024
Backlight	LED	LED
Contrast Ratio	600:1 (typical)	1000:1 (typical)
Brightness	350cd/m²(typical)	350cd/m²(typical)
Touch Sensor		
5-wire resistive touch sensor		
External Display		
1x HDMI 1x VGA 1xDP		
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		
1x2.5" SATA HDD or SSD space		

USB	
4 x USB 2.0	
COM	
2 x COM ports with RS-232/422/485 selection supported	
DIO	
1x 8-bits programmable DIO (4-DI/4-DO)	
Expansion Slot	
1x Mini PCIe slot	
Hardware Monitor	
Operating voltage, CPU temperature	
Watchdog Timer	
1-255 step, can be set with software on Super I/O	
Power	
AC 100-240V(Optional DC-12V or DC-24V)	
OS Supported	
Windows 7	
Dimensions	
KPC-15A0	410mm x 315 mm x 82.46mm (WxDxH)
KPC-17A0	442mm x 354 mm x 93.44mm (WxDxH)
Environment	
Operation Temp: 0°C to 60°C (CF,SSD), 0°C to 50°C (2.5" HDD) Storage Temp: 0°C to 70°C, 10%-85% rel. hum., non-condensing Humidity: 0% - 95%	
Certification	
CE, FCC Class A	

KPC-15A0/ 17A0 I/Os

