

KPC-1570/1770 Series

15"/17" Industrial Panel PC with Intel® BayTrail Processors



- 15"/ 17" TFT LCD Display with 5-wire Resistive TouchScreen
- Intel® BayTrail Processors
- Intel® HD Graphics
- IP65 approved front bezel
- 2x GbE, 2x COMs, 4x USB 2.0, 1x USB 3.0, 1x Mini-PCIe slot
- HDMI, VGA, HD Audio
- Fanless design

Product Overview

The KPC-1570/1770 Series Panel PCs is supporting Intel® BayTrail Processors. Featured are DDR3L SODIMM, Storage includes a 2.5" SATA hard drive or a solid-state drive (SSD), and slim optical drive. Supported interfaces include 2x GbE LAN, HD audio, 2x COM, 4x USB 2.0 ports, 1x USB 3.0, VGA and HDMI, 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.

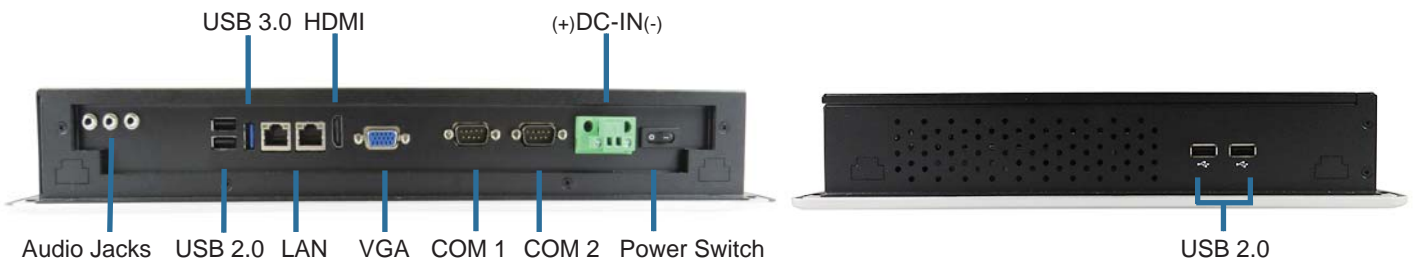
Technical Information

CPU Support		
Intel® Atom™ BayTrail processors		
Memory		
1 x DDR3L SODIMM		
BIOS		
AMI Plug & Play SPI BIOS		
Graphics		
Intel® HD Graphics		
LCD Display	KPC-1570 Series	KPC-1770 Series
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	350 cd/m ² (typical)	350 cd/m ² (typical)
Touch Sensor		
5-wire resistive touch sensor		
External Display		
1x HDMI 1x VGA		
LAN		
2x Gigabit Ethernet (Realtek RTL8111G) 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		

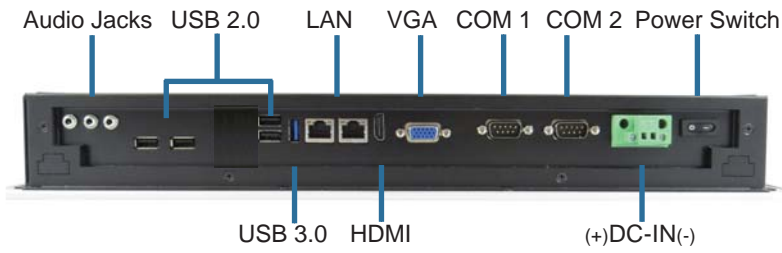
USB	
4 x USB 2.0, 1 x USB 3.0	
COM	
2 x COM ports with RS-232/422/485 selection supported	
Expansion Slot	
1x mPCIe slot	
Hardware Monitor	
Operating voltage, CPU temperature	
Watchdog Timer	
1-255 step, can be set with software on Super I/O	
Power	
DC 12V input	
OS Support	
Windows 7, Windows 8	
Dimension (W x H x D)	
KPC-1570 Series	410 x 315 x 58 mm / 16.14" x 12.40" x 2.28"
KPC-1770 Series	442 x 354 x 58 mm / 17.40" x 13.94" x 2.28"
Environment	
Operation Temperature: 0°C ~ 60°C / 32°F ~ 140°F (SSD) 0°C ~ 50°C / 32°F ~ 122°F (2.5" HDD)	
Storage Temperature: -20°C ~ 70°C / -4°F ~ 158°F	
Humidity: 0% ~ 95% non-condensing	
Mounting	
VESA Mount, Panel Mount	
Certification	
CE, FCC Class A	

Rear I/Os

KPC-1570 Series



KPC-1770 Series



Ordering Information

Article		Description
KPC-1570*	KPC-1770*	15" / 17" Touch Panel PC, Intel® Celeron® BayTrail Quad Core J1900 Processor, 1x DDR3L SODIMM , 2 x GbE LANs, 1 x mini-PCIe, 2 x COMs, 1x VGA, 1x HDMI, 4x USB 2.0, and 1x USB 3.0
KPC-1571	KPC-1771	15" / 17" Touch Panel PC, Intel® Atom™ BayTrail Quad Core E3845 Processor, 1 x DDR3L SODIMM, 2 x GbE LANs, 1 x mini-PCIe, 2 x COMs, 1x VGA, 1x HDMI, 4x USB 2.0, and 1x USB 3.0

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