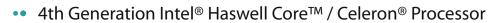
## KPC-15B0/17B0 Series

15" / 17" Industrial Panel PC with Intel<sup>®</sup> Haswell Processor and HM87 / QM87 Express <u>Chipset</u>





- •• Intel<sup>®</sup> HM87 / QM87 Express Chipset
- •• Intel<sup>®</sup> HD Graphics (4600) Processor Graphics
- 1x VGA, 1x HDMI, 1x DVI-D
- 2x DDR3L SO-DIMM Sockets up to 16GB
- •• 2x mPCle, 1x SATA, 1x mSATA (mixed w/ mPCle, optional)
- •• 4x USB 3.0, 4x COM, 2x GbE, 1x DIO



## Product Overview

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Powered by Intel<sup>®</sup> Haswell processor, the KPC-15B0/17B0 Panel PCs have excellent performance in both computing and graphics. It also reserves space for one 2.5" SATA HDD / SSD and one mSATA slot for storage expansion, OS upgrade or other data security applications. With a variety of I/O ports and expansion slots including 2x GbE LAN, 4x USB 3.0, 4x COM, 1x HDMI, 1x DVI-D, 1x VGA, 1xDIO and

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2x mPCle, it thus easily meets a broad range of customer requirements.

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Moreover, the series features the compact chassis, friendly human-machine interface, good resistance to shock, vibration and temperature, it is really an ideal solution to tough industrial environments.

## Technical Information

CPU Support			USB	
4th Generation Intel <sup>®</sup> Haswell Core <sup>™</sup> / Celeron <sup>®</sup> Processor			4 x USB 3.0	
Chipset				
Intel® HM87 / QM87 Express Chipset			4 x COM (COM1 & COM2 with RS-232/422/485 supported)	
Memory			DIO 1 x 8-bits programmable DIO (4-DI/4-DO)	
2 x DDR3L SO-DIMM Socket up to 16GB BIOS			Expansion Slot	
AMI uEFI BIOS w/ 1x 128Mb SPI Flash ROM			2 x mPCle socket	
Graphics			1 x Wafer for SIM card	
Intel <sup>®</sup> HD Graphics (4600)			Hardware Monitor	
.CD Display KPC-15B0 KPC-17B0		Operating voltage, CPU temperature		
Display Size	15 inch, 4:3	17 inch, 5:4	Watchdog Timer	
Resolution	1024 x 768	1280 x 1024	Programable WDT to generate System reset event	
Backlight	LED	LED	Power	
Contrast Ratio	600:1 (typical)	1000:1 (typical)	DC 12V input	
Brightness	350 cd/m <sup>2</sup> (typical)	350 cd/m <sup>2</sup> (typical)	OS Support	
Viewing Angle (H/	V) 90° / 65° (typical)	170° / 160° (typical)	Windows 7, Windows 8, Linux	
ouch Sensor			Dimension (W x H x D	))
5-wire resistive touch sensor			KPC-15B0	410 x 315 x 82.46 mm / 16.14" x 12.40" x 3.25
External Display			KPC-17B0	442 x 354 x 93.44 mm / 17.40" x 13.94" x 3.68
1 x HDMI			Environment	
1 x DVI-D			Operation Temperature: $0^{\circ}C \sim 60^{\circ}C$ (SSD), $0^{\circ}C \sim 50^{\circ}C$ (2.5" HDD)	
1 x VGA			Storage Temperature: 0°C ~ 70°C	
LAN			Humidity: 0% ~ 95%	
	ntel® I217-LM & 1x Intel® I2	10-AT)	Mounting	
Audio			VESA Mount, Panel Mount	
Realtek ALC662 Audio Codec w/ 3W Audio Amplifier			Certification	
1 x Line-Out and 1 x Mic-In on rear			CE, FCC Class A	
Storage				
1 x 2.5" SATA HDD or SSD space				
1 x mSATA (mixed w/ mPCle, optional)				

## • KPC-15B0 / 17B0 I/Os



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