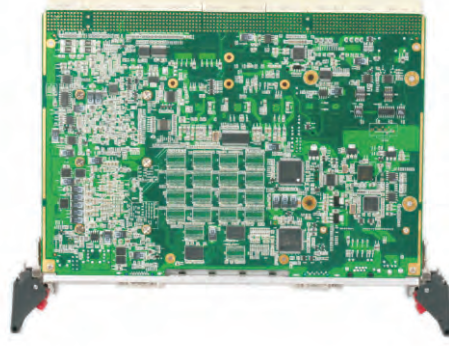


CPC-1817B

6U Compact PCI Intel® Core i5 processor blade



Features

- Intel® Core™ i5-4400E, 2.7GHz
- Onboard 8G DDR3 ECC SDRAM 800/1066MHz memory
- Onboard 16GB SSD
- Supports up to 6 x 1000Mbps Ethernet port

Specifications

System configuration

CPU	Intel® Core i5-4400E 2.7GHz,BGA, Turbo Boost 3.3GHz
Chipset	Mobile Intel® QM87 Express Chipset
Memory	Onboard 8G DDR3 ECC SDRAM 1333MHz memory
Compliant specifications	PICMG 2.0 R3.0 Compact PCI Specification PICMG 2.1 R2.0 Compact PCI Hot Swap Specification PICMG 2.16 R1.0 Compact PCI Packet Switching Backplane Specification

Storage

Storage	Front panel: onboard 16GB SSD, supporting 2.5" SATA, CF card (CPC-1817B-CF version) Rear IO board: 2 x SATA, supporting RAID 0, 1
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I/O port

I/O port	Front panel: VGA, 2 x LAN, 2 x USB3.0, COM (RJ45), Y-type PS/2 CPC-RP807: 2 x USB2.0, DB9 type RS232,422,485 switchable, Y-type PS/2, DVI-D, DVI-I, GbE x2, MIC-IN/LIN-IN/LINE-OUT Audio: Signal brought out to the rear panel
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LAN

LAN	2 x 1000Mbps Ethernet port on the front panel Rear IO board: 4 x independent 10/100/1000M Ethernet port to the rear IO board. Among them, two redundant 1000Mbps Ethernet ports provide PICMG2.16 function to the rear panel.
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Display port

Display port	The platform supports DVI-I+DVI-D dual display, VGA Front panel VGA: 2048×1536@75Hz Rear panel: DVI-D, DVI-I, supporting dual-screen up/down, left/right extension display mode. The single screen supports 1920 x1200
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Other

Other	1 x PMC, 1 x XMC
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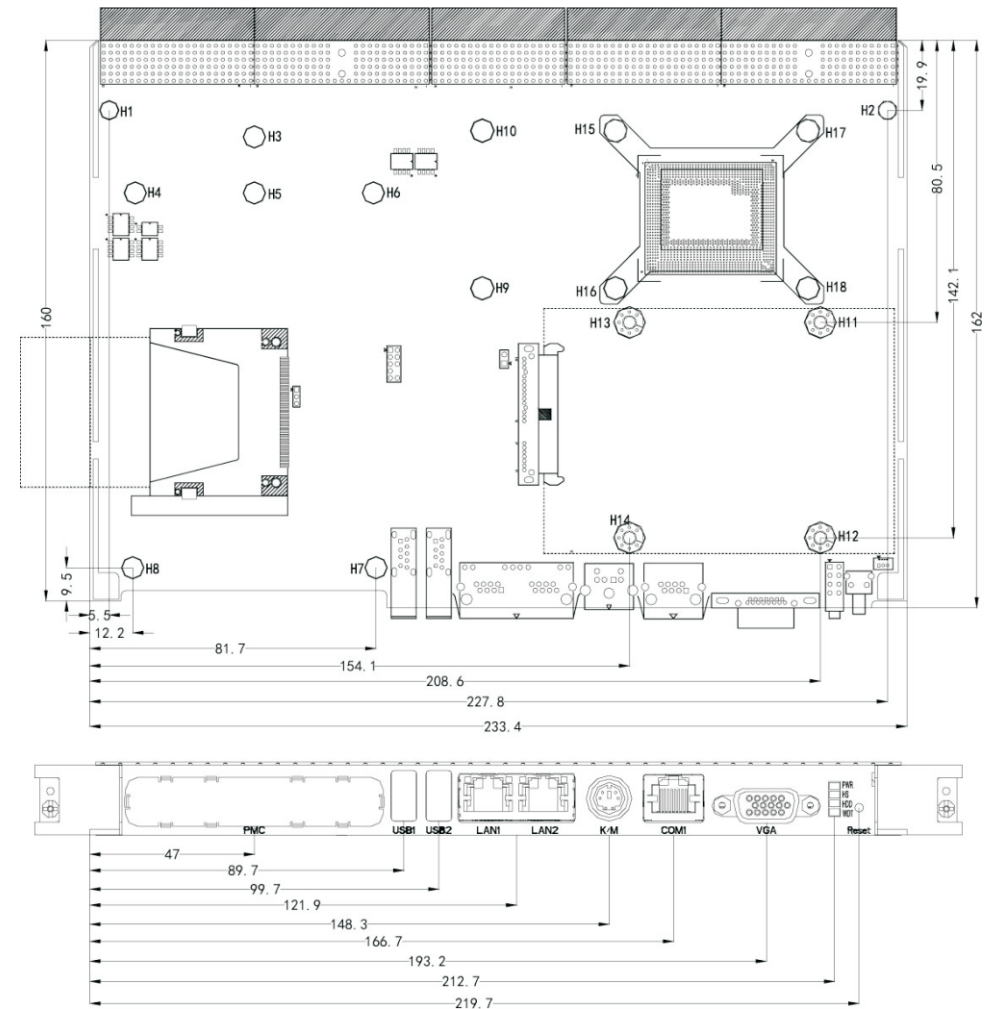
Operating systems

Operating systems	Windows 7, Windows 8, VxWorks and Linux
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Mechanical and Environmental

Dimensions	4HP× 233mm×160mm (H×W×D) (6U board dimensions)
Shock	30g, 11ms (working status) 50g, 11ms (non-working status)
Vibration (5Hz-2000Hz)	3Grms (working status) 5Grms (non-working status)
Salt fog test	2g/m3, normal operation, by test method according to GJB150.11-86
Mildew-proof test	According to the test method by GJB150.10-86, it meets Level1 requirements
Humidity and heat test	Under relative humidity 100% condition, the metal parts have no corrosion; under 40℃±2℃, relative humidity 93%±3 condition, it can be normally stored and operated.
Oil fog test	Under 40mg/m3 condition, it can be normally stored and operated.
Operating temperature	0℃~55℃ -20℃~70℃ (optional wide temperature)

Dimensions



Unit:mm

Ordering Information

Part Number	Model Number	Description
0030-020451	CPC-1817B-CF- three-proof	6U CompactPCI motherboard/Haswell platform i5- 4400E 2.7GHz CPU, BGA/ QM87 Chipset/VGA/dual DVI (at rear)/onboard 8GB DDR3L memory/2 x 1000Mbps LAN port/COM/VGA/2 x USB/SATA HDD bay/CF card slot/-20℃~+70℃
0030-020441	CPC-1817B-XMC- three-proof	6U CompactPCI motherboard/Haswell platform i5-4400E 2.7GHz CPU,BGA/QM87 Chipset/VGA/dual DVI (at rear)/onboard 8GB DDR3L memory/2 x 1000Mbps LAN port/COM/ VGA/2 x USB/SATA HDD bay/onboard 16G SSD/PMC/XMC/-20℃~+70℃
0060-004731	CPC-RP807	CPC-1817CL5NDA rear IO board/DVI-I& DVI-D/optional LVDS (onboard)/1 x COM/2 x USB/2 x 1000Mbps LAN port/Line-out/line-in /MIC-IN/onboard COM port pin header/onboard 2 x SATA