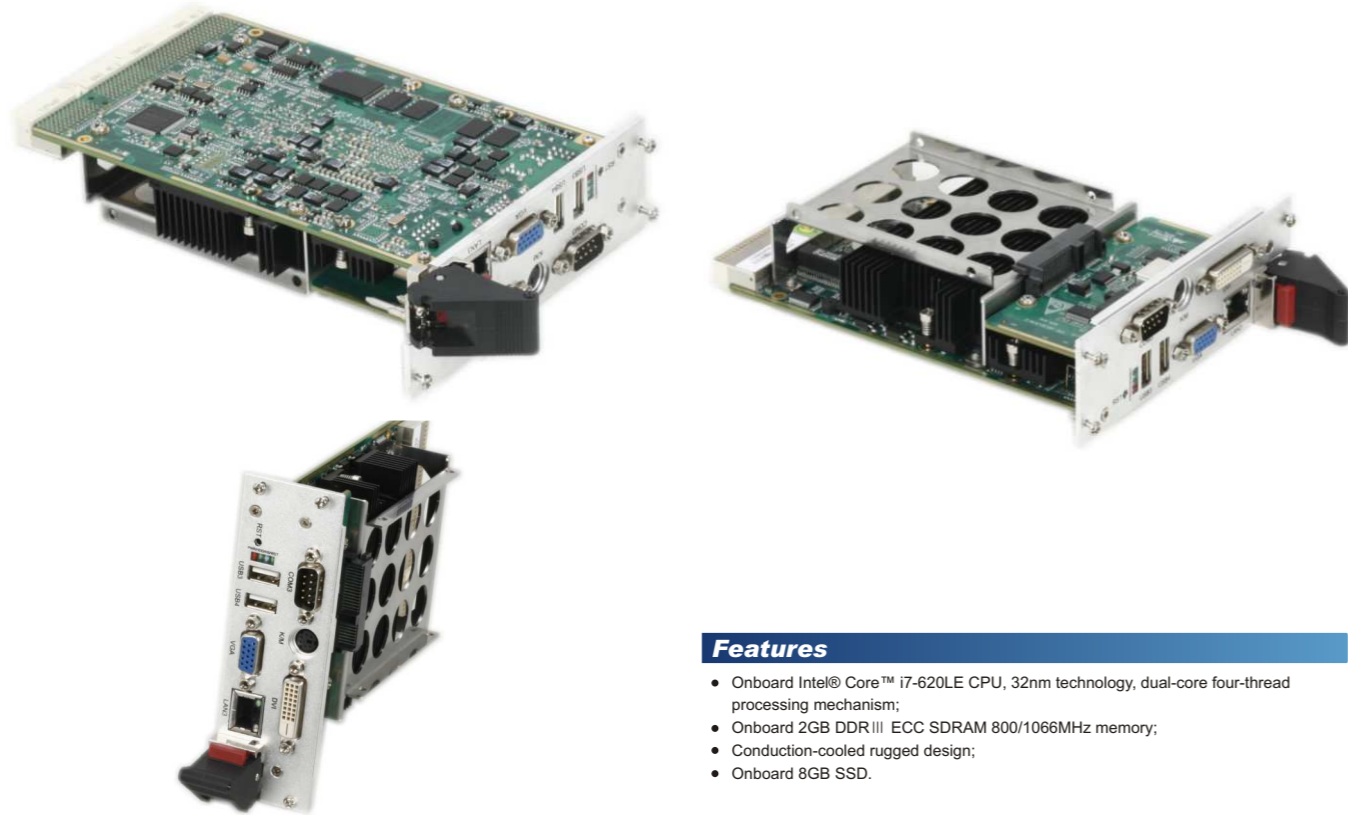


# CPC-3813CLD3N

3U Compact PCI Intel® Core i7 processor blade with ECC



## Features

- Onboard Intel® Core™ i7-620LE CPU, 32nm technology, dual-core four-thread processing mechanism;
- Onboard 2GB DDR III ECC SDRAM 800/1066MHz memory;
- Conduction-cooled rugged design;
- Onboard 8GB SSD.

## Specifications

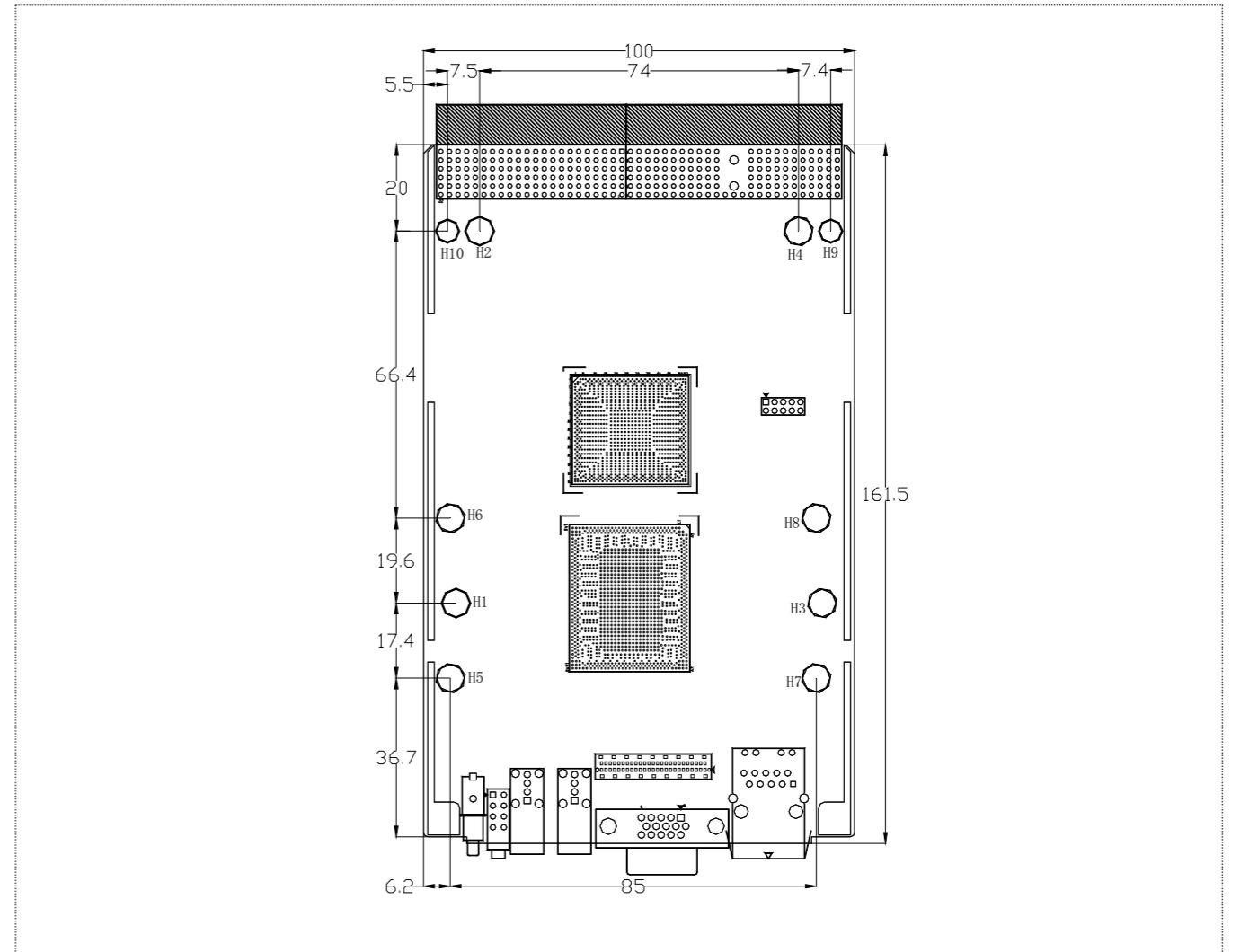
### System

Processor	Onboard Intel® Core™ i7-620LE processor, clock frequency 2.0GHz, rated power consumption 25W
Chipset	Intel® QM57 Express
Memory	Onboard 2GB DDR III ECC SDRAM 800/1066MHz memory, supporting Un-buffered ECC; supports single channel function; a single memory channel supports up to 2GB capacity
Display port	Supports VGA output by front/rear panels; the maximum resolution and refresh rate supported by VGA is 2048×1536@75Hz; supports DVI-D output, with a maximum resolution of 1920×1200@60HZ.
LAN	2 x independent 10/100/1000Mbps Ethernet signal to J2 connector, one to the RJ45 connector of front panel, with transmission indicator signal
Storage	3 x SATA interface; two brought to J2 connector, the other one connected to 22-pin SATA interface, which can connect 2.5" HDD
Expansion bus	7 x 32-bit CPCI slot, compatible with CompactPCI standard
I/O ports	3 x COM port; two brought to J2 connector, the other one to front panel, supporting RS-232 4 x USB2.0 port; two brought to J2 connector, the other two to USB ports of front panel 1 x Mini PS/2 keyboard/mouse port
Operating temperature	-20℃~70℃ (industrial grade); 10%~95% (non-condensing)
Storage environment	-55℃~85℃; 10%~95% (non-condensing)

### Mechanical specifications

Dimensions (H×W×D)	40.4mm x 128.6mm x 174.3mm
Shock	20g, 11ms (operating status); 50g, 11ms (non-operating)
Vibration (5Hz-2000Hz)	3Grms (operating status); 5Grms (non-operating)
Power supply	CPCI power supply, supporting S0, S1
Compatible specifications	PICMG 2.0 R3.0 CompactPCI Specification
Operating system	PICMG 2.1 R2.0 CompactPCI Hot Swap Specification
Rear IO board model No.	Windows2000, Windows XP, VxWorks CPC-RP3813

## Dimensions



## Ordering Information

Part Number	Model Number	Description
0030-018921	CPC-3813CLD3N	3U CPCI motherboard/i7-620UE2.0GHz/2G DDR3/2 x GbE/ VGA/DVI-D/PS2/2 x USB2.0/2 x SATA/1 x RS-232/-20℃~+70℃
0060-004841	CPC-RP3813	CPC-3813-CLD3N rear IO board/2 x GbE/VGA/2 x USB2.0/2 x SATA/2 x RS-232