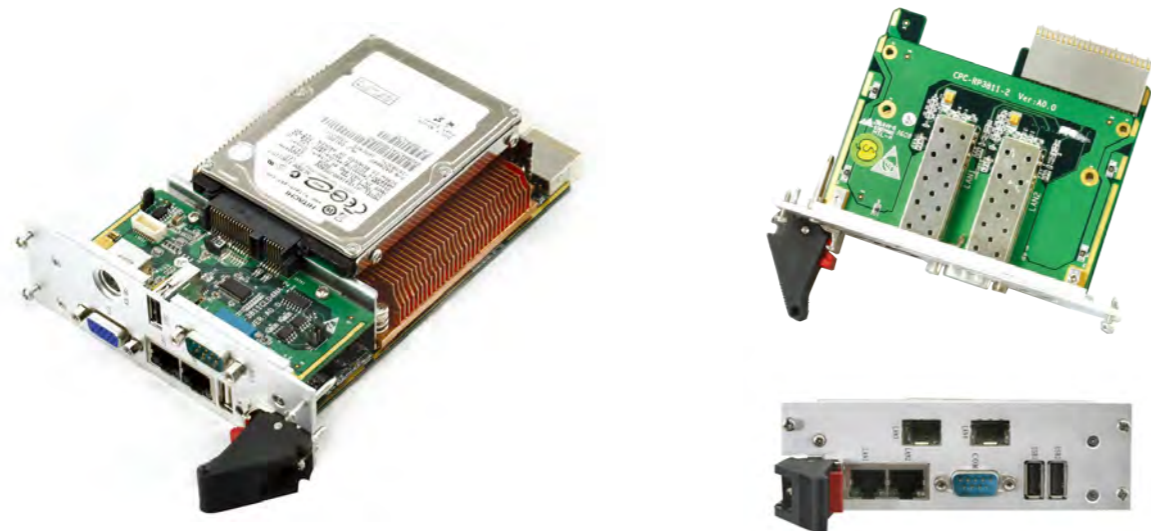


CPC-3811CLD4N

Intel Core™ 2 Duo CompactPCI board with LVDS/VGA/4GbE



Features

- Onboard 45nm Intel Core™ 2 Duo 9 series ultra-low power mobile processor
- Onboard 1GB DDR2 400 ECC Registered memory
- Supports up to 4 x 10/100/1000Mbps interface via PCI-Express bus
- Adopts independent graphics controller, supports VGA+ LVDS dual display
- Supports one onboard 2.5"SATA hard disk
- Optional two SFP fiber optical ports
- Available 3U Rear I/O boards: CPC-RP3811(2 x RJ-45, optional 2 x SFP)

Specifications

System

Processor	Onboard Intel Core™ 2 Duo SU9300 1.2GHz ultra-low power processor 3MB L2 Cache, 45nm, 64-bit, 800MHz FSB, HT technology, 10 watt Thermal Design Power (TDP) Onboard Intel Core™ 2 Duo SL9380 1.8GHz low-power processor 6MB L2 Cache, 45nm, 64-bit, 800MHz FSB, HT technology, 17 watts Thermal Design Power (TDP)
Chipset	Intel 3100 single chipset
Memory	Onboard 1GB DDR2 400 ECC Registered memory
Hardware Monitor	Monitors system status, voltage, temperature and fan speed etc.
Watchdog Timer	1~255 sec./min. timer system reset or interrupt, setup by software
CompactPCI Standards	Compliant with: PICMG 2.0 CompactPCI R3.0 PICMG 2.1 Hot Swap R2.0
CompactPCI Bus(J1, J2)	Supports 32bit, 33/66MHz CompactPCI bus, 3.3V/5V signal voltage compliant

	CPC-3811CLD4N	CPC-RP3811
Storage		
Serial ATA	Onboard 1 x 2.5" SATA hard disk interface (15-pin power supply and 7-Pin signal connector)	2 x SATA connector
I/O Interface		
USB	2 x USB2.0 port	2 x USB2.0 ports
Serial Port	1 x RS232/422/485(DB9 port)	1 x RS232/422/485(DB9 port)
Display Port	1 x VGA(DB15), 1 x LVDS(20-Pin header on board)	1 x VGA(DB15)
KB/MS	1 x PS/2(KB/MS) port	N/A
Ethernet		
Chipset	2 x Realtek RTL8111C GbE Ethernet Controller	1 x Intel 82571EB Dual-Port GbE Ethernet Controller via PCI-Express x4 bus
Connector	PCI-Express x1 bus 2 x RJ-45	2 x GbE LAN port, supports TRUNK function Optional 2 x Copper port(RJ-45) or 2 x Fiber optical port(SFP)

Display

Chipset	Onboard XGI Volari™ Z9S graphics controller
Memory	Onboard 32MB DDR2 independent video memory
Resolution	VGA mode up to 1600x1200 @75Hz Supports 12bit/18bit or dual 12bit LVDS display interface
Dual Display	Supports CRT+LVDS dual independent display

Mechanical and Environmental

Dimensions	3U 8HP(dual slots) CompactPCI System board 100mm(H) x 161.51mm(D) Rear I/O boards: 3U 4HP CompactPCI rear I/O board 100mm(H) x 81.5mm(D)
Operating Temperature	-20℃~60℃ (CPC-3811CLD4N-SU9300/with Al-alloy heat sink) -20℃~70℃ (CPC-3811CLD4N-SU9300/with copper heat sink) -10℃~60℃ (CPC-3811CLD4N-SL9380)
Storage Temperature	-40℃~85℃
Operating Humidity	5%-95%, non-condensing

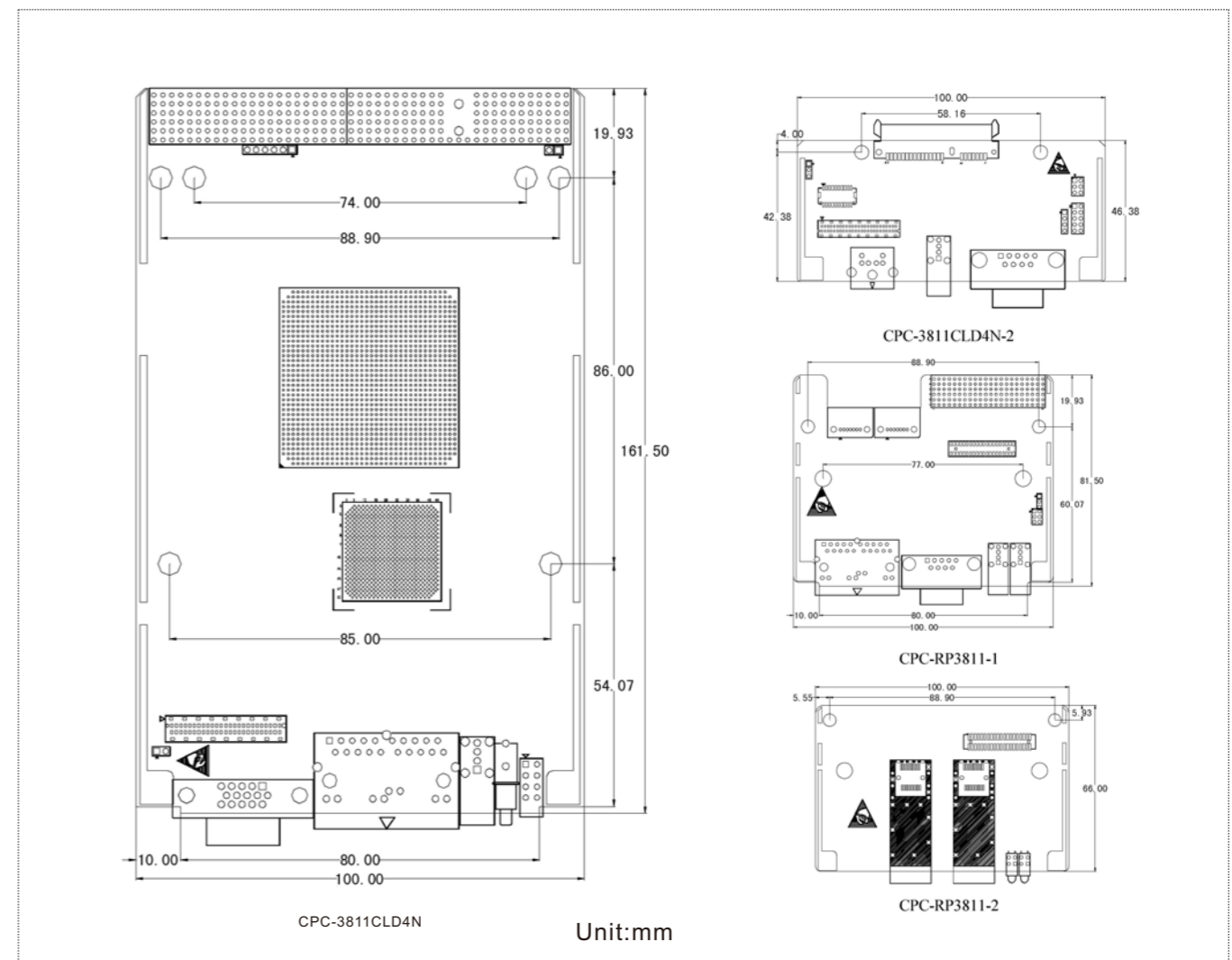
Power

Power Supply	Supports CompactPCI and ATX power supply
Power Consumption	Typical 26W (onboard SU9300 1.2GHz CPU , onboard 1GB DDR2 400 RECC memory)

Operating System

Supported OS	Windows XP Professional Windows 2003 Server Linux 2.6.x Series (Note: Please contact EVOC for other OS support)
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Dimensions



Ordering Information

Part Number	Model Number	Description
0030-014170	CPC-3811CLD4N(AL)	3U 8HP CompactPCI system board/Core™ 2 Duo SU9300 1.2GHz CPU/onboard 1GB 400MHz DDR2 R-ECC RAM/VGA/LVDS/SATA HDD bay/2 x USB/COM/2 x GbE LAN port/PS/2/Al-alloy heat sink/-20℃~+60℃
0030-017260	CPC-3811CLD4N-H	3U 8HP CompactPCI system board/Core™ 2 Duo SL9380 1.8GHz CPU/onboard 1GB 400MHz DDR2 R-ECC RAM/VGA/LVDS/SATA HDD bay/2 x USB/COM/2 x GbE LAN port/PS/2/Al-alloy heat sink/-10℃~+60℃
0030-010940	CPC-3811CLD4N	3U 8HP CompactPCI system board/Core™ 2 Duo SU9300 1.2GHz CPU/onboard 1GB 400MHz DDR2 R-ECC RAM/VGA/LVDS/SATA HDD bay/2 x USB/COM/2 x GbE LAN port/PS/2/Cooper heat sink/-20℃~+70℃
0060-002680	CPC-RP3811	3U 8HP CompactPCI rear I/O board/mated with CPC-3811/2 x Giga LAN port(can set up optical Ethernet port)/2 x SATA/2 x USB/COM