

Memory	Onboard 2G DDR III ECC SDRAM 800/1066MHz memory support Un-buffered ECC
Display	Adopting Intel® HD Graphics integrated in Core™ i7 CPU CPC-3813CLD3N supports VGA & DVI-D output VGA: 2048*1536@60Hz, VGA signal is brought out to rear I/O DVI: 1600*1200@60Hz
Storage interface	Onboard 8GB SSD, Onboard 2.5" SATA HDD bay, Meanwhile 2*SATA signal are brought to rear I/O
PMC/XMC	/
LAN	Front: 1*GbE Rear I/O: 2*independent GbE signal to rear I/O
Front I/O	USB*2, RS232, VGA, GbE, DVI-D
Rear I/O	CPC-RP3813: USB*2, DB9 type RS232*2, VGA, GbE*2 CPC-RP3813-MIL: All I/O are brought to Rear by CPCI connector, get different I/O according to different needs
System detection	WINBOND W83627DHG build-in watchdog timer, support 1-255 sec/min timer system reset or interrupt Monitors system voltage, current and temperature
Environment specification	Working temperature: 0~55℃ -40~80℃(Military grade) Humidity: 5%~90% (Non-condensing)
Mechanical specification	Dimension: 3U 8HP CompactPCI 100mm(L)x169.3mm(W) Anti-shock: • 20g, 11ms (operating) • 50g, 11ms (non-operating) Anti-vibration: (5Hz-500MHz) • 1.5g (operating) • 2.0g (non-operating)
Compatible specification	PICMG 2.0 R 3.0 CompactPCI Specification PICMG 2.1 R 2.0 CompactPCI Hot Swap Specification
OS	Windows XP、Linux、Vxworks

Ordering Information

Part Number	Model Number	Description
0030-018921	CPC-3813CLD3N	3U CPCI motherboard/i7-620LE 2.0GHz/2G DDR III / 2 * G b E / V G A / D V I - D / P S 2 / 2 * U S B 2.0/2*SATA/RS232/0~55℃
0030-018081	CPC-3813-MIL	3U CPCI motherboard/i7-620UE 1.06GHz/2G DDR III/2*GbE/VGA/2*USB 2.0/2*SATA/2*RS232/-40~80℃
0060-004841	CPC-RP3813	CPC-8313-CLD3N rear IO board/2*GbE/VGA/2*USB 2.0/2*SATA/2*RS232