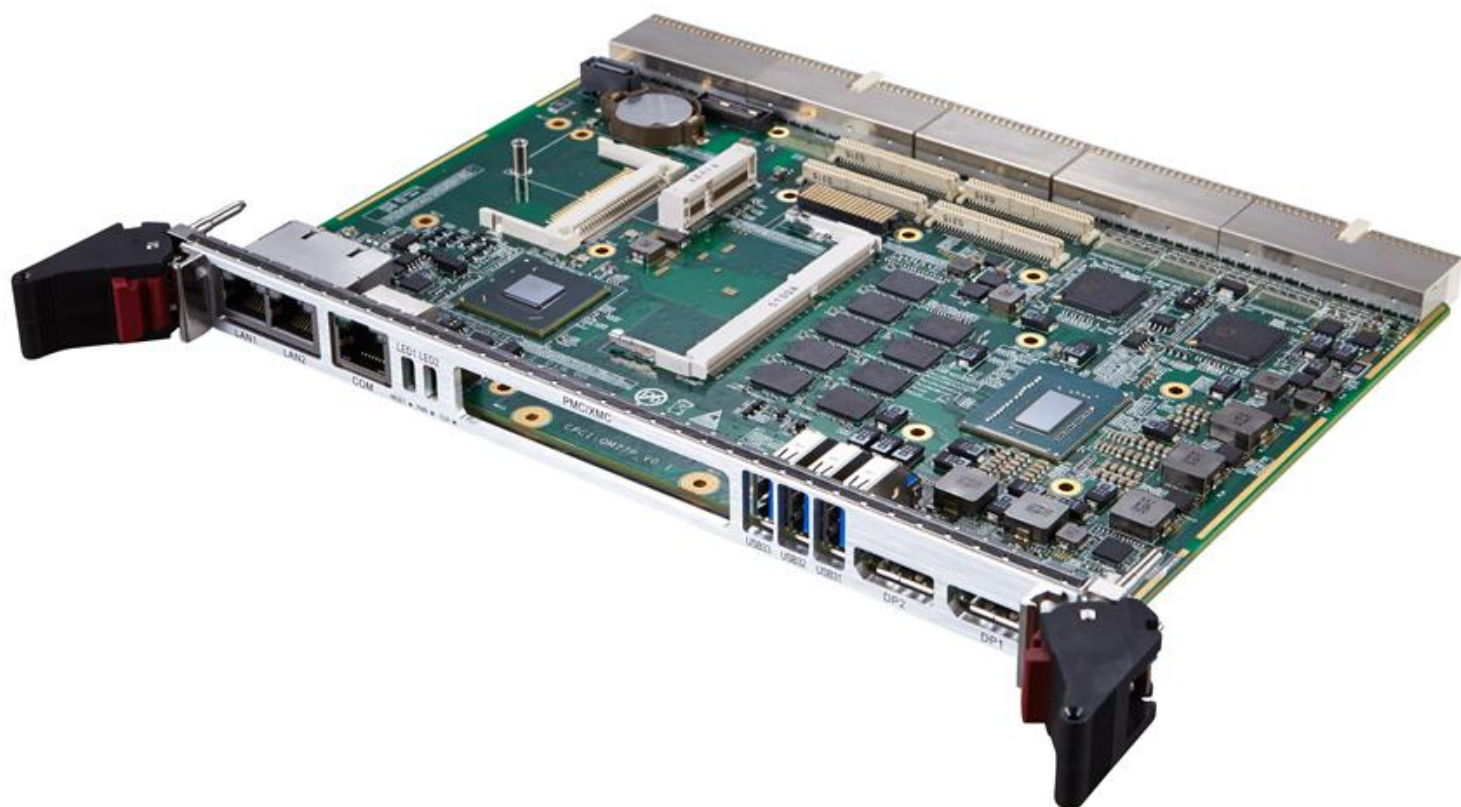


CPCI - QM77P



6U CompactPCI® Motherboard, supports third generation Intel® Core™ i7 processor and ECC SDRAM

»3rd Generation Intel® Core™ i7 Processor (Low Power, 22nm Manufacturing Process)

Dual-channel DDR3 ECC memory: 1 channel onboard memory and 1 channel SO-DIMM memory

»Supports 3 independent displays: 2xDP + eDP

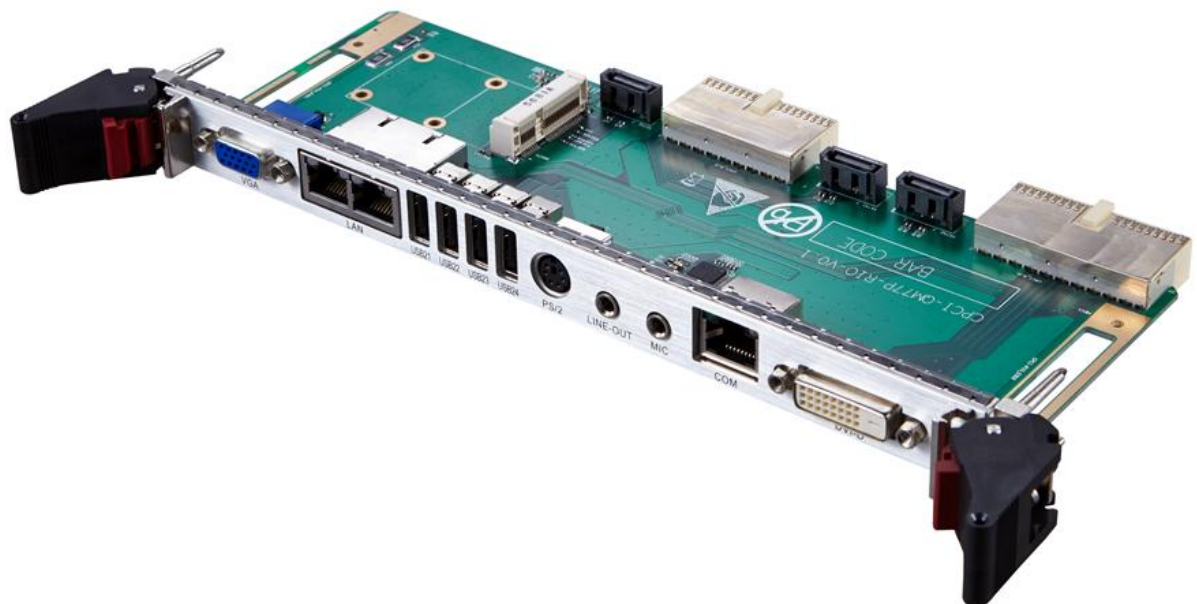
»Supports USB 3.0 and third-generation PCI-Express

»Supports remote management and optional TPM

Operating temperature: -20°C to +60°C

Operating temperature: -40°C to +70°C (optional)

Rear I/O board



Technical Information	
plate type	CPCI 6U motherboard
processor	3rd generation Intel® Core™ processor (22nm manufacturing process) support : Quad-core i7-3615QM (2.3 GHz), 6MB, L3 cache, TDP 45W Quad-core i7-3612QE (2.1 GHz) , 6MB , L3 cache, TDP 35W Dual -core i7-3555LE (2.5 GHz) , 4MB, L3 cache, TDP 25W . Dual-core i7-3517UE (1.7 GHz) , 4MB, L3 cache, TDP 17W .
Chipset	Intel® QM77 PCH
Memory	Dual-channel DDR3-1333/1600 SDRAM ECC memory, supporting up to 16GB (up to 8GB per SO-DIMM slot; up to 8GB per onboard memory slot).
PMC	One PCI 32/64-bit, 33/66/133MHz PMC slot or a PCI-Express x8 XMC slot with rear-routing I/O.
network port	Three Intel 82574L GBEs and one Intel 82579LM PHY controller (two 10/100/1000BASE-T front panel ports and two 10/100/1000BASE-T J3 ports)
show	Integrated Intel® processor The front panel features two dual-mode DP display ports, which can support DVI/VGA/HDMI ports via adapter cables. One DVI, one eDP , and one VGA port are implemented via back routing. Supports 3 independent displays: 2xDP (front panel) and 1xeDP (rear panel).
PS/2	Keyboard and mouse (rear-mounted)
SATA	One 6Gb/s SATA connector for installing a 2.5-inch hard drive. Onboard CompactFlash slot Onboard m-SATA interface (only one of the 2.5-inch hard drive interface, CF slot, and m-SATA interface can be selected). The rear cable management board supports up to 4 SATA ports and RAID 0, 1, 5, and 10.
USB	Front 3 × USB 3.0 Rear Extension: 6 x USB 2.0
serial port	Supports up to four serial ports One RJ-45 RS-232/422/485 port on the front panel The rear wiring board supports three serial ports for connection to the rear panel.
sound card	The rear panel supports a high-fidelity audio signal port.
temperature	Operating temperature: -20 °C to + 60 °C,-40°C to + 65 °C (Optional)
Heat dissipation	Built-in fan design
operating system	Winxp , XPE , Win7, WES7, Linux, VxWorks

Ordering Information	
model	describe
CPCI- QM77P/ X	Operating temperature : -20 °C to +60 ° C
CPCI- QM77P W/X	Operating temperature : -40°C to + 65 °C
annotation: X represents the CPU model, including : i7-3615Q M , i7-3612QE, i7-3555LE, and i7-3517UE.	

