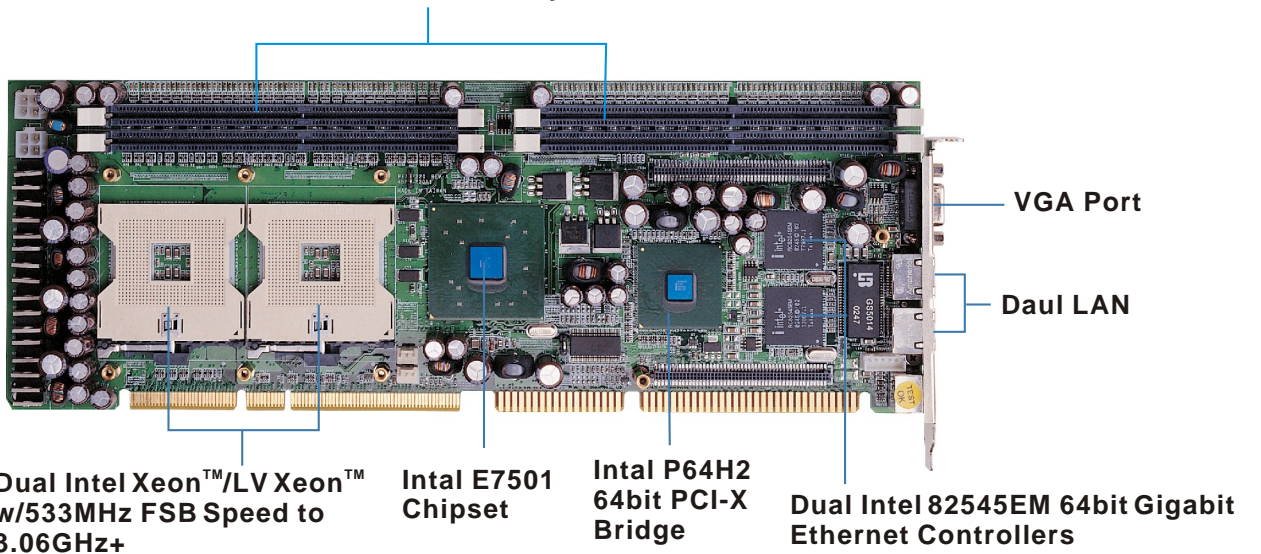




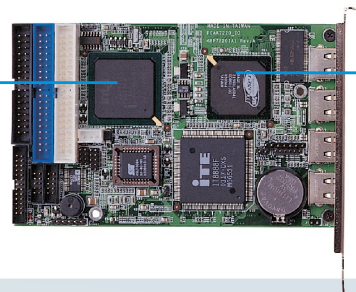
PEAK 7220VL2G

Full-size Dual Intel^(R) Xeon 64bit/66MHz CPU Card w/VGA/Dual LAN

Max.8GB DDR266/Dual Channel memory in 4DIMM Slots



Intel ICH3



ATI Rage™ XL w/8MB frame buffer memory

- Support socket 604 dual Intel^(R) Xeon/LV Xeon processors with 400/533MHz FSB up to 3.06GHz or above
- Max. 8GB DDR SDRAM support, DDR DIMM x4
- Intel^(R) E7501 chipsets
- Intel^(R) P64H2 x1
- ATI Rage XL VGA controller w/8MB frame buffer memory
- Dual Intel^(R) 82545EM Gigabit Ethernet controllers
- Customized 2U heatsink/FAN for CPU

Feature

PEAK 7220VL2G

Specification

System Architecture	<ul style="list-style-type: none">• Full size SBC with 64bit/66MHz PCI/ISA Golden finger• PICMG 1.0 (Rev.2.0) compliant								
CPU Support	<ul style="list-style-type: none">• Socket 604 dual Intel[®]Xeon[®]/ LV Xeon[®] processors with 400/533MHz FSB, speed up to 3.06GHz+• Support uni-processor implementation.• Support Hyper-Threading technology								
Main Memory	<ul style="list-style-type: none">• DDR SDRAM DIMM x4 support max. memory up to 8GB (DDR200/266)• Support two 64-bit DDR channels• Registered/ECC DIMMs only								
BIOS	<ul style="list-style-type: none">• Award System BIOS• 8M bits flash ROM								
Chipsets	<ul style="list-style-type: none">• Intel[®]E7501 chipsets• Intel[®] ICH3-S (82801CA)• Intel[®] P64H2 (82870P2) x1• Intel[®] Firmware Hub (FWH)								
On Board LAN	<ul style="list-style-type: none">• Dual Intel[®] 82545EM Gigabit Ethernet controllers• RJ45 with LED connector x 2								
On Board VGA	<ul style="list-style-type: none">• ATI Rage XL with 8MB frame buffer memory• Fully PC 98 and PC 99 Compliant• 15 pin CRT connector x1								
On Chip I/O (ICH3-S)	<ul style="list-style-type: none">• On board USB port x 4• SMBus 2.0 controller• FWH interface• LPC interface• AC' 97 2.0 interface• PCI 2.2 interface• USB 1.1 compliant								
On Board Super I/O	<ul style="list-style-type: none">• On board ITE 8712F-A super I/O• SIO x 2, with 16C550 UART x 2, 10 pin header x 2• PIO x 1, bi-directional, EPP/ECP support, 26 pin connector x 1• Floppy Disk controller: 34 pin connector x 1• 6 pin mini DIN connector x1, for PS/2 keyboard/mouse, 5 pin connector x 1 (for external keyboard)• On board buzzer x 1• GPIO (4 in 4 out)• On board 2 pin header for I²C;• On board 2 pin header for reset SW / 2 pin for IDE active LED / 2 pin ATX power SW• AC97 output, 10 pin header x 1								
System Monitor	<ul style="list-style-type: none">• Derived from Super IO ITE 8712F-A to support system monitor.• 8 voltage (For +1.5V, +3.3V, +5V, -5V, +12V, -12V, Vcore and Vcc5V Stand-By)• One Fan speed for CPU ; Temperature x 2 (one for CPU internal use, another for external system use)								
Watchdog Timer	<ul style="list-style-type: none">• Watchdog timeout can be programmable by Software from 1, 2, 4, 8, 16, 32, ... 256 seconds								
PCI to ISA Bridge & ISAMAX Support	<ul style="list-style-type: none">• ITE 8888Fx1 PCI to ISA Bridge• Provide 64mA high driving capability to maximize ISA signals for support ISA cards up to 20 on the backplane ISA Slot.								
Dimensions	338.58 mm (L) x 122 mm (W) (13.3" x 4.8")								
Customized Heatsink /FAN	<ul style="list-style-type: none">• Customized heatsink/FAN to cover dual processors• Height: 2U								
Power Requirements	<table><thead><tr><th>Voltage</th><th>Maximum</th></tr></thead><tbody><tr><td>+5V</td><td>25A</td></tr><tr><td>+12V</td><td>20A</td></tr><tr><td>-12V</td><td>TBD</td></tr></tbody></table>	Voltage	Maximum	+5V	25A	+12V	20A	-12V	TBD
Voltage	Maximum								
+5V	25A								
+12V	20A								
-12V	TBD								
Environments	<ul style="list-style-type: none">• Operating temperatures: 0°C to 60°C (0°C to 50°C for 2.8GHz)• Storage temperatures: -20°C to 80°C• Relative humidity: 10% to 90% (Non-condensing)								
Certification	<ul style="list-style-type: none">• CE• FCC								

Order Information

PEAK 7220VL2G:

Full-size Socket 604 Dual Intel[®] Xeon[®]/ LV Xeon[®] 64bit/66MHz CPU Card w/VGA/dual Gigabit LAN



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