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Part Number	PEAK 7220
Vox Part Number	VTC9866597
Make	NEXCOM
Description	Nexcom PEAK 7220 CPU Board - Intel Socket 604 Dual Xeon/LV Xeon Processors up to 2.8 GHz with 400/ 533 MHz FSB

Ordering Information:

PEAK-7220VL2G	Nexcom PEAK7220VL2G CPU Board. Full Size | Socket 604 | PICMG | Intel E7501 Chipset | Dual Xeon | DDR 266 DIMM | VGA | Dual Intel 82545GM | RoHS Compliant
PEAK 7220VL2G(LF)	Nexcom PEAK 7220VL2G(LF) CPU Board. Intel Socket 604 Dual Xeon/ LV Xeon Processors up to 2.8 GHz with 400/ 533 MHz FSB Full Size PICMG CPU Board
PEAK7220_IO	Nexcom PEAK7220_IO IO Plate for PEAK7220VL2G, 4 USB port.
4BP07220D1	Nexcom 4BP07220D1 CPU Board - Intel Socket 604 Dual Xeon/LV Xeon Processors up to 2.8 GHz with 400/ 533 MHz FSB
PEAK 7220 REV D	VOX TECHNOLOGIES-PEAK 7220 REV D-CPU Boards
PEAK7220_IO(LF)	IO Plate for PEAK7220VL2G, 4 USB port.
PEAK-7220 Heatsink Fan	Nexcom heatsink and Fan for Peak-7220
PEAK 7220VL2	Nexcom Peak7220VL2 CPU Board | Full-size Dual Intel Xeon 64bit/66MHz CPU Card | with VGA, Dual LAN | Single Board Computer (SBC)
PEAK7220LF REVD1	NEXCOM PEAK7220LF REVD1

General	
Bus Architecture	PICMG 1.0
SBC Size	Full-Length
CPU	
CPU Class	Intel Dual-Xeon
Display	
Chipset	Intel® E7501 Intel® ICH3-S (82801CA) Intel® P64H2 (82870P2) Intel® Firmware Hub (FWH)
Display Interface	ATI Rage™ XL with 8 MB frame buffer memory 1 x 15-pin CRT connector
Form Factor	
Depth or Length	338.58 mm
I/O	
I/O	4 x on-board USB port SMBus 2.0 controller FWH interface/LPC interface/ AC' 97 2.0 interface USB 1.1 compliant Integrated System Management Controller ITE 8712F-A super I/O SIO: 2 ports with 2x5 pin header PIO: 1 x 26-pin connector, Bi-directi
LAN	
Total Number of Ports	2
System	
BIOS	Award System BIOS Plug & Play support Advanced Power Management support ACPI 2.0 compliant 8 Mbit fl ash ROM
Certifications	CE approval FCC Class A
CPU	Supports Socket 604 Dual Intel® Xeon®/LV Xeon® processors up to 2.8 GHz with 400/533 MHz FSB or LV Xeon® up to 2.4 GHz with 400/533 MHz FSB 2 x On-board intelligent switching type power regulator Supports streaming SIMD instruction Supports uni-pr
Dimensions	338.58 mm (L) x 122 mm (W) (13.3" x 4.8")
Ethernet	2 x Intel® 82545EM (82545GM for RoHS Model) Gigabit Ethernet controllers 2 x RJ45 with LED
HyperTransport™ Technology	1 x ITE 8888 PCI to ISA Bridge Provides 64 mA high driving capability to maximize ISA signals for support for up to 20 ISA cards on the backplane ISA Slot
Memory	Four 184-pin DIMM sockets for up to 8 GB Registered ECC DDR 200/266 SDRAM Support twos 64-bit DDR channels
Operating Temperature	Operating temperature: 0°C to 60°C (0°C to 50°C for 2.8 GHz CPU or above) Storage temperature: -20°C to 80°C Relative humidity: 10% to 90% (Non-condensing)
Power Supply	Power source from backplane through PCI/ISA golden finger Supports both AT or ATX power supplies +3.3 V is converted from +5 V and not directly from backplane or power supply +5 Vsb (standby power) available from backplane through 3-pin connector
RTC	On-chip RTC with battery backup 1 x External battery
SSD	HDD: 2 x 40-pin connector ; Ultra DMA 33/66/100 support IDE active LED: 1 x 2-pin header
System Monitor	1 x ITE 8888 PCI to ISA Bridge Provides 64 mA high driving capability to maximize ISA signals for support for up to 20 ISA cards on the backplane ISA Slot
Watchdog Timer	Programmable Watchdog Timer from 1, 2, 4, 8,16, 32,……256 seconds

Features:

- 184-pin DIMM x 4 , Supports DDR 200/266 SDRAM Memory up to 8 GB
- 2 x Intel® 82545GM Gigabit Ethernet
- ATI Rage™ XL VGA, 8 MB Frame Buffer Memory
- Customized 2U Heatsink/Fan for Dual Xeon processors
- Intel® E7501/P64H2 Chipsets
- Socket 604 for Dual Intel® Xeon®/LV Xeon® Processors up to 2.8 GHz with 400/533 MHz FSB

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