

	<p>KEY FEATURES</p> <ul style="list-style-type: none"> ▶ 100/133MHz FSB, CPU up to 1GHz ▶ Max. 4 GB DDR DRAM, DDR DIMM x 4 ▶ VIA Apollo PRO 266 Chipsets ▶ C&T 69000 VGA ▶ Ultra DMA 33/66/100 IDE ▶ Dual Intel® 82559 (PRO/100 Network Connection) Ethernet ▶ Adaptec 7899 U160D SCSI ▶ AGP port x 1, PCI slot x 5
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DESCRIPTION

Industrial ATX Dual Socket 370/Pentium® III Server Board w/VGA/Dual LAN

SPECIFICATIONS

System Architecture	Standard ATX form factor with Dual Pentium III CPU support All in one board with Dual Channel Ultra 160 SCSI, Dual Channel Ethernet and VGA Next generation server with industry specification
CPU	Intel® Dual Pentium® III CPU with 128/256K cache on die Intel® Socket 370 FC-PGA CPU running at 100/133MHz FSB up to 1GHz Support streaming SIMD instruction
Memory	Support DDR DRAM up to 4GB (Max.) 184 pin DDR DIMM x 4 ECC support (single bit error correction/Multiple bit errors reporting)
Chipset	VIA Apollo PRO 266 Chipset (VT 8633 and VT 8233) 100/133MHz FSB support PCI V2.2 compliant Intel® 21150AB PCI to PCI Bridge
BIOS	Award System BIOS Plug & Play support Advanced Power Management support Advanced Configuration & Power Interface support Jumper less for CPU FSB 2M bits flash ROM
VGA	C&T 69000 controller (PCI mode) 2MB SDRAM on die Drivers support: Windows® 95/98/2000, Windows® NT4.0
LAN	Compliant with PCI V2.1, IEEE802.3, IEEE 802.3U Drivers support: DOS/Windows®, Windows® 95/98/2000, Windows® NT4.0, Netware, SCO Open Server 5.0, Linux RJ-45 connector x 2 Rear Panel 4 LAN LED (active/link x 2, speed x 2) Intel® 82559 (PRO/100 Network Connection) Single Ethernet controller x 2 10 Base T/100 Base TX support, full duplex
SCSI	Adaptec AIC 7899 Dual Channel Ultra 160 SCSI controller Ultra 160 SCSI support 160MB/s (Max.) transfer rate, up to 12 meter cable Backward compatible with Ultra Wide SCSI, Ultra 2 SCSI, etc. Drivers support: Windows® 95/98/2000, Windows® NT4.0, SCO Open Server 5.0, Linux 68 pin SCSI connector x 2 On board 4 pin header for LED
I/O Interface	SMsC LPC 47B 272 super I/O on board SIO x 2, with 2 x 16C550 UARTs PIO x 1, Bi-directional, EPP/ECP support Floppy Disk controller: 34 pin connector x 1 On chip enhanced IDE x 2, Ultra DMA/33/66/100 support, 40 pin connector x 2 On chip keyboard, mouse controller, PS/2 keyboard port x 1, PS/2 mouse port x 1 On board USB port x 4 (2 front 2 rear) On board buzzer x 1 IrDA connector x 1 On board 2 pin header for I2C GPIO (4 in 4 out) On board 2 pin header for reset SW, 4 pin for speaker, 5 pin for keylock and power LED
ACPI Function	Soft off Wake On LAN Wake On Keyboard Wake On Ring RTC alarm wake up Suspend to Disk
On-board Slots	Total 6 slots, include AGP port x 1, 32bit/33MHz PCI slot x 5 (reserved 3 horizontal PCI slot expand for 2U chassis)
On Board RTC	VT 8233 Internal High precision real time clock/calendar with battery back up
IDE Interface Disk On Module Support	On board reserved power pin for DOM (DiskOnModule): 4MB~160MB, etc
System Monitor	Winbond W83782D system monitor controller x 2 8 voltage (For +3.3V, +5V, +12V, -12V, Vtt , Vcore x 2 and V-DIMM 2.5V) Two Fan speed (For CPU) and Three FAN Speed (For System) Two temperature (For CPU) Drivers support: Windows® 95/98/2000, Windows® NT4.0/2000
Power Input	ATX power connector x 1, ATX V2.03 specification AUX power connector x 1
Back Panel	PS2 connector x 2 (for Keyboard/Mouse) USB port x 2 RJ45 connector x 2 (for LAN) 15 pin D-type connector x 1 (for VGA) 9 pin D-type connector x 2 (for SIO) 25 pin D-type connector x 1 (for PIO) LAN LED x 4 (active/link x 2, speed x 2)
Dimensions	305mm(L) x 244mm(W)
Power Requirements	+3.3V: TBD +5V: TBD +12V: TBD 5VSTBY: TBD
Environment	Operating temperatures: 0°C to 60°C Storage temperatures: -20°C to 80°C Relative humidity: 10% to 90% (Non-condensing)
Certification	FCC Class A CE approval

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK- ATX6620vl2	ATX Dual Socket 370 Pentium® III Server Board w/VGA/Dual LAN

WARRANTIES: 1 Year Return to Factory Warranty

Specifications subject to change without notice.



#128-4, CHEONGPADONG-3GA, YONGSAN-GU, SEOUL, 140-133, KOREA
 PHONE: 82-2-707-0404 FAX: 82-2-716-7690 www.asanst.com E-mail: elk@asanst.com
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