



KEY FEATURES

- ▶ Single socket LGA775, support Intel Pentium4 with 533/800MHz FSB, up to 3.8GHz
- ▶ DDR2 240-pin DIMM x 4, support Dual Channel DDR2 400/533 MHz up to 4GB
- ▶ RC8257E PCI Express Gigabit Ethernet LAN x 2
- ▶ SATA x 4, USB 2.0 x 6, COM port x 2
- ▶ Optional CF socket x 1

DESCRIPTION

ASAN ST® Introduces SBC Built With 533/800MHz FSB / 533/800MHz DDR ASAN ST announced today the worlds first delivery of the top performer Single Board Computer (SBC) built with the most leading technology - 800 MHz FSB, 400/533MHz DDR2, the Serial ATA, and PCI Express Dual Gigabit Ethernet.....

ASAN ST's SBC is Running Under -20 Degree C ASAN ST announced the brand new SBC, ELK-SBC760VL2, passed the tough temperature test under -20 °C. ASAN ST claimed that its renowned SBC series SBC are one of the most reliable platform in the market.....

SPECIFICATIONS

System Architecture	Full-sized SBC with PCI/ISA Golden finger PICMG 1.0 (Rev 2.0) Compliant PCI V2.2 Compliant
CPU Support	-Single socket LGA775 -Support Intel® Pentium 4 with 533/800 MHz FSB, speed up to 3.8GHz -Support Hyper-Threading Technology
Memory	4 x 240-pin DIMM, Dual channel DDR2 400/533 MHz, up to 4 GB
BIOS	Award System BIOS Plug & Play support Advanced Power Management and Advanced Configuration & Power Interface support
Chipset	Intel®915GV and ICH6 chipset
On Board LAN	RC82573E PCI Express Gigabit Ethernet LAN x 2 2 -pin header for extended LAN
Display	Share integrated Graphics controller from chipset Analogue Display Support: Up to 2048 x 1536 @ 85 Hz for CRT VGA DB-15 connector x 1
I/O Interface	Serial port: 10-pin box header x 2, support RS232 Only USB 2.0 port x 6 via 6-pin JST connector x 3, bandwidth: 480 Mb/s IDE HDD: Ultra ATA100/66/33, 40 pin connector x 1 and SATA HDD: 4 Serial ATA Ports, bandwidth: 150 MB/s Optional CF socket x 1, and Disk on module: 2-pin power connector for DOM Parallel port: 26-pin connector x 1, Mini-DIN PS/2 keyboard/Mouse x 1 and Floppy: 34-pin connector x 1 Digital I/O Port: 4 in and 4 out with TTL level interface On board buzzer x 1, 4-pin for speaker, 2-pin power-on button switch, and 2-pin header for SMBus 2.0 4-pin FAN Jst connector x 1 (For CPU); 3-pin FAN connector x 2 5-pin connector x 1 for Chassis or Backplane Front Keyboard
I/O on bracket	VGA DB-15 connector x 1, RJ45 Gigabit Ethernet LAN port x 2, and Mini-DIN for Keyboard/mouse x 1
System Monitor	System monitor controller from Super I/O 8 voltage (For +1.5V, +3.3V, +5V, -5V, +12V, -12V, Vcore and +5VSTBY) 2 temperature (For CPU and system) 3 FAN speed monitor (one for CPU and 2 for systems)
Real Time clock	On chip RTC with battery backup, External Li Battery x 1, Power Requirements, and TBD
Watchdog Timer	1-minute increments from 1 to 255 minutes, and 1-second increments from 1 to 255 seconds
Dimensions	338.58mm (L) x 122mm (W) (13.3"/L x 3.8"/W)
Power requirements	+5V@9A, +12V@10A, +5Vsb@1A(3.8GHzCPU, 1GB DDR SDRAM)
Environment	Operating temperatures: -20°C to 60°C, Storage temperatures: -20°C to 80°C Relative humidity: 10% to 90% (Non-condensing)
Certification	CE, FCC Class A

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK-SBC760VL	Full-sized LGA775 socket support Intel Pentium-4/ Celeron-DCPU board with PCI Express Gigabit Ethernet LAN x 1
ELK-SBC760VL2	Full-sized LGA775 socket support Intel Pentium-4/ Celeron-DCPU board with PCI Express Gigabit Ethernet LAN x 2

WARRANTIES: 1 Year Return to Factory Warranty

All Specifications within this document are subject to change without notice.



#128-4, CHEONGPADONG-3GA, YONGSAN-GU, SEOUL, 140-133, KOREA

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