

	<p>KEY FEATURES</p> <ul style="list-style-type: none"> ▶ On board Intel Mobile Ultra Low Voltage Celeron 650MHz processor ▶ VIA 8623 (CLE 266) / VT 8235 chipsets ▶ Max. 1GB DDR SDRAM ▶ VIA CLE 266 chipset integrated Graphic Engine, Full internal AGP 8X performance ▶ 10/100 base-T Fast Ethernet x 4 ▶ Audio w/Speaker Out / Line in and Mic in ▶ CFD storage devices support ▶ USB 2.0 x 6
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DESCRIPTION

Ultra Low Voltage Intel Celeron 400/650MHz w/4 LAN / DDR Memory
 Middle-Range Embedded Board, support Intel ULV Celeron or LV Pentium III Processor and DDR Memory the EBC 565, built in Intel Ultra Low Voltage Celeron 650MHz / 400MHz or LV Pentium 933MHz CPUs by order request / 4 Realtek 8139C+ or 4 Intel 82551QM LAN on board, and the CLE 266 chipset supporting the DDR memory

SPECIFICATIONS

Form Factor	Samill form factor with Dimensions : 146mm (W) x 225mm (D)
CPU	Support Intel Mobile Ultra Low Voltage Celeron Processor 400 or 650MHz Micro FC-BGA CPU at Vcore=1.1V Ultra-Low Voltage Intel Celeron Processor (0.13u), On-die second level cache (256-Kbyte) with Advanced Transfer Cache. Binary compatible with all applications. Support for MMX technology and Streaming SIMD Extensions LV Pentium III 933MHz processor with 133MHz FSB, On-die second level cache (512-Kbyte) for High Performance application
Memory	One 184-pin DDR DIMM. Support DDR 200/266MHz Max memory size up to 1GB
BIOS	Award System BIOS Advanced Power Management support 4M bits flash ROM
Chipset	VIA 8623 (CLE 266) 100/133MHz North Bridge VIA VT8235
LAN	Realtek 8139C+ LAN or Intel 82551QM x 4 Single Chip 10/100 Base TX support, full duplex Compled with IEEE802.3X Boot from LAN function RJ45 with LED connector x 4
Audio	VIA VT1616 CODEC for AC97 v2.1 CODEC Digital audio integrated in chipset Mic In. Line out Phone Jack. Line in connector on-board
VGA	VIA CLE 266 chipset integrated Graphic Engine Optimized Shared Memory Architecture (SMA) 16/32/64 MB frame buffer using system memory Full internal AGP 8X performance 2.0mm 16 pin Header for VGA output Interface of "Digital Interface Port 0" from CLE 266 for the future upgrade of DVI and TV and TV Out feature through Add-On Module. (2x13 26pins 2.0mm Box Header) High quality DVD video playback 18/24-bit TFT flat panel interface: TTL LCD Interface Connector x 1 (Hirose DF13-40DP x 1) Reserved the future upgrade of LVDS Panel support through the LVDS Transmitter Module
On Chip and On Board I/O	SIO x 2, with 2x16C550 UARTS DB9 x 1 IDE Channel 1 : 180 40 pin connector x 1 IDE Channel 1: 180 44 pin IDE connector x 1 (For 2.5" HDD or DOM) PIO x 1, bi-directional, EPP/ECP support, Box header x 1 2.0mm Box Header x 1 Support Ultra DMA-33/66/100 IDE IDE Channel 2 : Compact Flash Socket x 1 PS/2 keyboard/mouse in the front On board USB 2.0 port x 6 (2 ports in the front, 2 port at Rear , 2 port reserved by JST connector On Board buzzer x 1 GPIO (4 in 4 out) On board 2 pin header for I2C On board 5 pin header for IrDA On Board reset SW and power SW Pin Header On Board Power LED and HDD Active LED (Also reserved Pin Header) 3 pin FAN connecgtor x 1 reserved
Real Time Clock	On chip RTC with battery back up External Li Battery x 1
Watchdog Timer	Watchdog timeout can be programmable by Software
Expansion	Standard PCI Slot
Environments	Operating temperatures : 0°C to 60°C Storage temperatures : -20°C to 80°C Relative humidity : 10% to 90% (Non-condensing)
Certification	CE CE FCC Class A FCC Class A

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK- EBC565R-LV6	5.25" Embedded Board with on board Intel 650MHZ CPU, VGA/ 4 Realtek 8139C+ LANs / Audio / DDR DIMM Socket x1. Come with CPU Cool

WARRANTIES: 1 Year Return to Factory Warranty

Specifications subject to change without notice.



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