



FEATURE HIGHLIGHTS

- Intel Celeron™ / Pentium® III based SBC with VGA/LAN/Audio supports 66/100/133MHz CPU bus speed
- Integrated VGA controller with shared memory
- Integrated LAN controller and 2nd Intel 82559 for 10 Base-T/100 Base-TX Ethernet
- ICH2 integrated audio with AC97 codec
- One DIMM socket with memory up to 256MB

FEATURE	DESCRIPTION
Main Processor	Intel Celeron™/Pentium® III based Mini SBC supports 66/100/133MHz FSB up to 1GHz CPU
Main Memory	One 168-pin DIMM socket with up to 256MB SDRAM
BIOS	Award® 4Mbit Flash BIOS
Chipset	Intel® 815E supports 66/100/133MHz CPU clock
VGA	815E integrated, with shared memory
LAN	ICH2 integrated Ethernet controller with 10 Base-T/100 Base-TX, and Intel® 82559 2nd Ethernet controller
Audio	ICH2 integrated audio with AC97 codec
Hard Disk Interface	Supports four enhanced IDE HDDs (PIO up to Mode 3/4, Ultra DMA 33/66/100)
Floppy Disk Interface	Supports one floppy disk drive
Serial Port	One RS-232 port and one RS-232/422/485 port with compatible UARTs
Parallel Port	One bi-directional parallel port with ECP/EPP function
USB	Four USB ports (two USB ports on board, two USB ports supported by USB pin header)
IrDA	One IrDA TX/RX pin header
Watch Dog Timer	256-level time-out intervals
Expansion Bus	One 32-bit PCI slot
Solid State Disk	Socket for DiskOnChip® with Flash memory up to 144MB or latest max. capacity
P/S Connector	ATX type power supply connector
Rear Side Connectors	PS/2 keyboard, PS/2 mouse, primary and secondary RJ45, VGA, USB, serial, printer, microphone and speaker ports
Physical Dimension	8" (L) x 5.75" (W) (203mm x 146mm)
Power Requirement	+5V @ 15A; 5VSB @ 1A; +3.3V @ 7A; +/-12V @ 200mA
Environment Information	Operation: 0 ~ 60°C; Storage: -20 ~ 80°C; Operation humidity: 10 ~ 90% non-condensing

ORDERING GUIDE

MODEL NO.	ITEM NO.	DESCRIPTION
MiniSBC 815E	EMBSBC815E	Celeron™ / Pentium® III Based EmbsBC with VGA/Dual LAN/Audio