

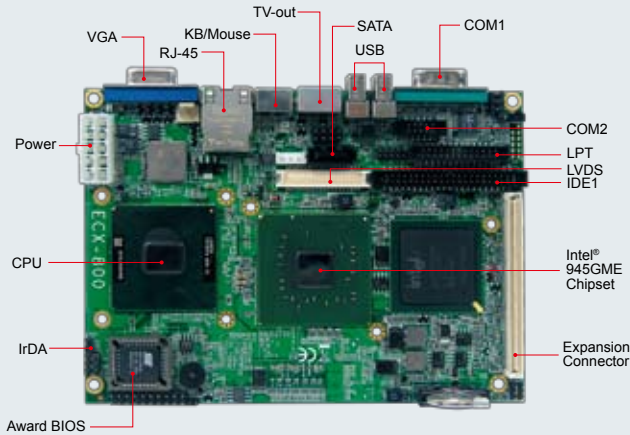
# Disk-Size SBCs

Intel® Core™2 Duo-Based

ECX SBC

Intel® Core™2 Duo ECX SBC w/ Mobile Intel® 945GME Chipset

## ECX800



### Features

- Supports Intel® Core™2 Duo processors  
Up to 2.33GHz, 533/667MHz FSB
- 1x DDR2 SO-DIMM, Max. 2GB
- Integrated VGA, supports CRT and TV-out
- Marvell 88E8053 PCI-E Gigabit LAN
- 1x SATA, 4x USB 2.0, Digital I/O, CF socket
- 1x PCI, 1x PCI-E(x1), 1x LPC, 1x SDVO (Region C, Type III)

### System

CPU	Intel® Core™2 Duo / Core™ Duo processors, up to 1.66GHz (BGA CPU on board or socket M)
System Memory	1x DDR2 SO-DIMM, Max. 2GB
System Chipset	Mobile Intel® 945GME + ICH7M, 533MHz/667MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI, 1x PCI-E(x1), 1x LPC, 1x SDVO (Region C, Type III)

### Graphics

VGA Controller	Mobile Intel® 945GME integrated VGA
VGA Memory	DVMT 3.0 support; Max memory allocation based on total system memory
Display Interface	Supports CRT/S-Video, 18-bit single or dual channel LVDS

### LAN

Controller	Marvell 88E8053 PCI-E Gigabit LAN
Connector	RJ-45 on board

### Multi I/O

I/O Chipset	Winbond W83627EHG 1x IDE, 1x FDD, 1x KB, 1x Mouse, 1x LPT, 2x RS-232, 1x SATA
USB	4 ports on board (USB 2.0)
Audio	Intel® ICH7M built-in audio + AC97 codec, SPDIF-OUT
Others	IrDA, TV-out, Digital I/O (4-in/4-out)

### Mechanical and Environmental

Dimensions	105mm x 146mm (4.13" x 5.75")
Max. Power Requirement	Intel® Core™ Duo (L2400) 1.66GHz w/ 1GB DDR2 +3.3V: 1.54A +5V: 1.86A +12V: 1.15A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

### Ordering Information

ECX800H	Socket M Intel® 945GME ECX SBC w/ VGA and Gigabit LAN
ECX800H-D16	Intel® Core™ Duo L2400, 1.66GHz, 945GME ECX SBC w/ VGA, Gigabit LAN
IB38	Cable kit for ECX800 series, w/ IDE, COM, SATA, printer, audio and power cable
CSB110-80016C	Steel chassis for ECX800H-D16 ECX SBC, ID450 DC-DC converter, 2.5" HDD holder, 60W power adaptor
CSB110-80016M	Steel chassis with ECX800H-D16 ECX SBC, ID450 DC-DC converter, 2.5" HDD holder, 60W power adaptor
CSB110-800C	Steel chassis for ECX800H ECX SBC, ID450 DC-DC converter, 2.5" HDD holder, 60W power adaptor
CSB110-800M	Steel chassis with ECX800H ECX SBC, ID450 DC-DC converter, 2.5" HDD holder, 60W power adaptor

Remarks:  
\* Specifications are subject to change without prior notice.

