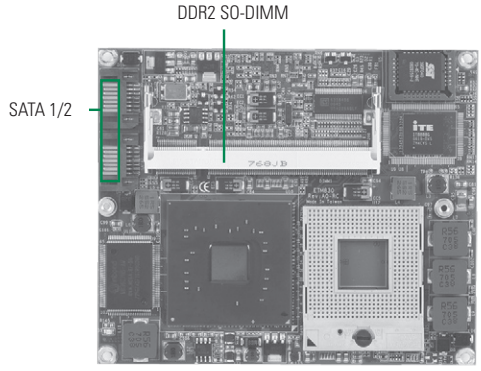
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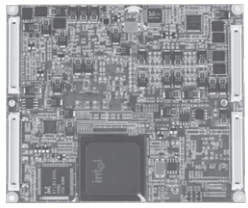
Intel® Core™2 Duo ETX V3.0 SoM with Intel® 945GME + ICH7M Chipset and Multiple I/O Features



Low Power DualView ETX® 3.0 Long Term Support

Features

- Intel® Core™2 Duo/ Core™ Duo/ Core™ Solo/ Celeron® M processor with FSB 533/667 MHz
- Intel® 945GME + ICH7M chipset
- DDR2-533/667 max. up to 2 GB
- 2 SATA-150, 1 PATA-100 supported
- DualView with different content & resolution
- 24-bit single/dual channel LVDS LCD supported
- 4 PCI Bus master, ISA Bus supported



▲ Rear view

System

CPU	Socket M for Intel® Core™2 Duo/ Core™ Duo/ Core™ Solo/ Celeron® M processors with FSB 533/667 MHz; Intel® Core™2 Duo processor L7400 and Celeron® M processor ULV 423 onboard
System Memory	1 x 200-pin SO-DIMM supports DDR2-533/667 max. up to 2 GB
Chipset	Intel® 945GME + ICH7M
BIOS	Phoenix-Award
SSD	N/A
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	4 x 32-bit PCI bus masters 16-bit ISA bus
Battery	N/A
Power Requirements	Intel® Core™2 Duo T7200 @ 2.0 GHz, 1GB DDR2 Max. RMS: +5V @ 6.883A
Size	114 x 95 mm
Board Thickness	1.6 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x IDE; PATA-100 1 x FDD/LPT(default); with SPP/EPP/ECP supported 1 x PS/2 keyboard 1 x PS/2 mouse 2 x UARTs 1 x IrDA
SATA	2 x SATA-150
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 port as 10/100Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8139DL
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/ speaker-out with Realtek ALC655
USB	4 x USB 2.0

Display

Chipset	Intel® GMA 950 graphics core
Memory Size	Intel® DVMT 3.0 compliant
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel

Packing List

Quick installation guide, user's manual/utility CD, cable

Ordering Information

Standard	
ETM830VEA (P/N: E38G830100)	ETX 3.0 SoM with Socket M, VGA/LVDS LCD, 10/100Mbps Ethernet, AC'97 audio and 2 UARTs ports
Optional	
ETM830VEA-1G (P/N: E38G830101) (Fanless)	ETX 3.0 SoM with ULV Intel® Celeron® M (423) 1.06 GHz/ 1MB L2 cache CPU onboard, VGA/LVDS LCD, 10/100Mbps Ethernet, AC'97 audio and 2 UARTs ports
ETB9F000	ATX form factor baseboard
5078G820000E	ETM820/830 heatspreader module for BGA type CPU (114 x 51 x 8 mm)
5078G820100E	ETM820/830 heatspreader module for PGA type CPU (114 x 51 x 8 mm)
5078G830100E	ETM SoM low profile cooling kit with fan
5078G830200E	ETM SoM low profile cooling kit without fan

* All specifications and photos are subject to change without notice.