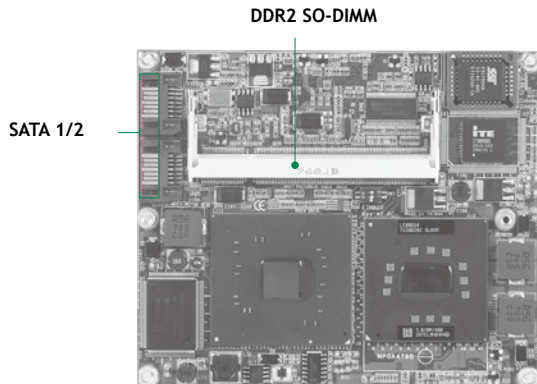


ETM820

Intel® Pentium® M ETX V3.0 SoM with Intel® 915GME/910GML + ICH6M Chipset and Multiple I/O Features



1 F.E.
LVDS/VGA
4 USB 2.0
4 PCI
ISA
Audio

Features

ETX 3.0
Long Term Support



- Intel® Pentium® M/Celeron® M processor
- Intel® 915GME/910GML + ICH6M chipset
- DDR2-400/533 up to 1GB
- 2 SATA-150, 1 PATA-100 supported
- DualView with different content & resolution
- 4 PCI Bus master, ISA Bus supported
- 5.1 channel audio (optional)

System

CPU	Socket 478 for Intel® Pentium® M/ Celeron® M processors with FSB 400/533 MHz; ULV Intel® Celeron® M processor 600MHz/512KB or 1GHz/ZC onboard
System Memory	1 x 200-pin SO-DIMM supports DDR2-400/533 max up to 1GB
Chipset	Intel® 915GME/910GML + ICH6M
BIOS	Phoenix-Award
SSD	N/A
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	4 x 32-bit PCI bus master 16-bit ISA bus
Battery	N/A
Size	114 x 95 mm
Temperature	0° C ~ +60° C (32° F ~ 140° F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

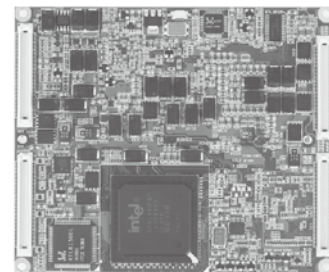
I/O

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 with Realtek ALC655
USB	4 x USB 2.0

Display

Chipset	Intel® GMA 900 graphics Core
Memory Size	Intel® DVM 3.0 compliant
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel

* W.T.: Wide Temperature



▲ Rear view

Packing List

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

Ordering Information

Standard	
ETM820VEA-1GE (P/N: E38G820102)	ETX 3.0 module with ULV Intel® Celeron® M 1 GHz/ZC CPU onboard, VGA/LVDS LCD, 10/100Mbps, AC'97 audio and 2 UARTs ports
ETM820VEA-600 (P/N: E38G820101)	ETX 3.0 module with ULV Intel® Celeron® M 600 MHz/512K L2 Cache CPU onboard, VGA/LVDS LCD, 10/100Mbps, AC'97 audio and 2 UARTs ports
ETM820VEA (P/N: E38G820100)	ETX 3.0 module with socket 478, VGA/LVDS LCD, 10/100Mbps, AC'97 audio and 2 UARTs ports
Optional	
ETB9F000	ATX form factor baseboard
507ETM82010E	ETM820 heatspreader module for PGA type CPU (114 x 51 x 8mm)
507ETM82000E	ETM820 heatspreader module for BGA type CPU (114 x 51 x 8mm)
5078G830200E	ETM low profile cooling kit without fan
5078G830100E	ETM low profile cooling kit with fan
507ETM82200E	ETM cooling kit with fan