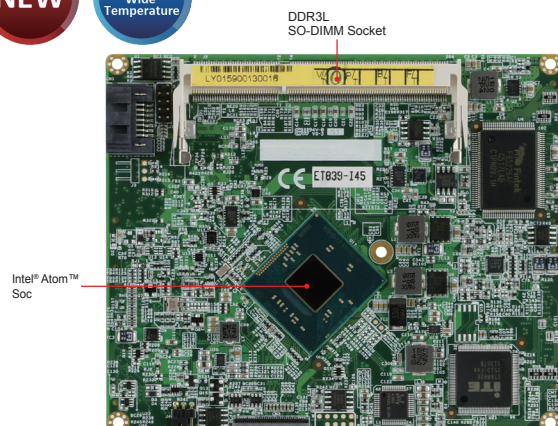


ET839 Intel® Atom™ E3845 SoC ETX Module



(All via IP412 baseboard)

Features

- Onboard Intel® Atom™ SoC E3845, 1.91GHz
- 1x DDR3L SO-DIMM , Max. 4GB
- Supports CRT , LVDS and 1 x DDI signal
- 1x 10/100Mbps LAN
- Watchdog timer, LPC to ISA
- 1x SATA II , 2x IDE, 4x USB 2.0, 2x COM
- Wide Temperature support

System

CPU Socket	Intel® Atom™ E3845 SoC , 1.91GHz
System Memory	DDR3L SO-DIMM x 1, Max. 4GB
System Chipset	Integrated in Intel® Atom™ SoC
BIOS	AMI BIOS
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	4x ETX connectors for PCI bus, USB, audio, CRT, LVDS, LAN, COM ports, LPT, IDE, PS/2 keyboard/mouse and ISA bus

Graphics

VGA Controller	Intel® Atom™ SoC integrated Gen. 7 4Eus graphics
VGA Memory	Shared memory
LCD Interface	Support CRT , 24-bit dual channel LVDS & 1x DDI port

LAN

Controller	Realtek 8106E 10/100Mbps LAN
Connector	On baseboard

Multi I/O

I/O Chipset	Nuvoton NCT6102D 1x KB, 1x Mouse , 1 x Printer , 2x RS232
USB	4 ports (USB 2.0) via baseboard
SATA II	1 port on board (3.0Gb/sec)
Audio	Intel® Atom™ SoC built-in HD Audio w/ Realtek ALC662 codec
Others	Fintek F85226 (LPC to ISA)

Mechanical and Environmental

Dimensions	95mm x 114mm (3.74" x 4.49")
Max. Power Requirement	TBC
Operating Temperature	-40°C~85°C (-40°F~185°F)
Storage Temperature	-40°C~90°C (-4°F~194°F)
Relative Humidity	10%~90% (non-condensing)

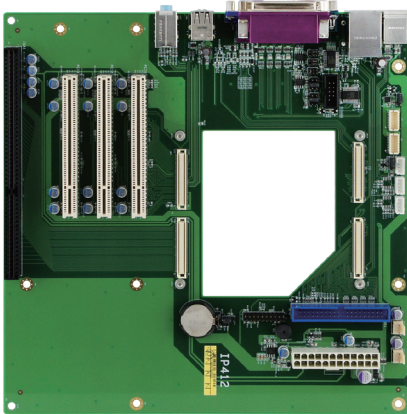
Ordering Information

ET839-I45	Intel® Atom™ E3845 SoC ETX (3.0) CPU Module w/CRT, LVDS and 10/100 LAN
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IP412

Micro ATX ETX (3.0) Baseboard

NEW



Features

- 1x ISA, 3x PCI expansion slots
- Edge connectors for PS/2 Keyboard & Mouse, RJ45 + dual USB (2.0), COM, VGA, Printer port, 2x USB (2.0) , Audio connector (Line-out, Line-in & Mic.)
- Onboard headers for COM, LVDS, IDE , ETX connectors
- ATX power connector
- 244mm x 244mm

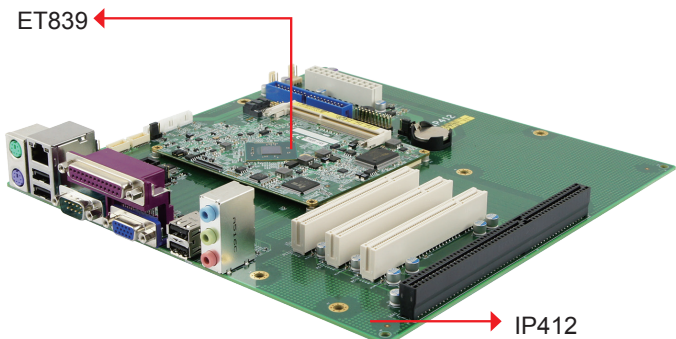
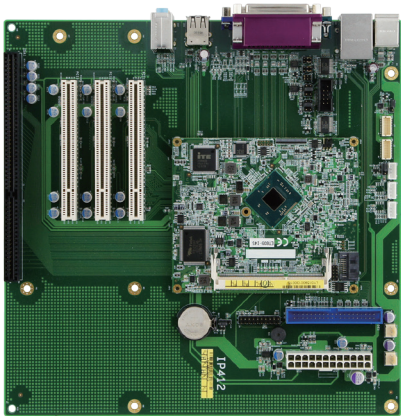


Ordering Information

IP412

Micro ATX ETX (3.0) baseboard

ET839 with IP412 baseboard



ET839 with Heat spreader

