

(All via baseboard)



ET839 with heat spreader

Features

- Onboard Intel® Atom™ SoC E3845, 1.91GHz
- 1x DDR3L SO-DIMM, Max. 8GB
- Supports CRT, LVDS and 1x DDI
- 1x 10/100Mbps LAN
- Watchdog timer, LPC to ISA
- 1x SATA II, 2x IDE, 4x USB 2.0, 2x COM
- Wide-range operating temperature

System

CPU Socket	Intel® Atom™ E3845 SoC, 1.91GHz
System Memory	1x DDR3L SO-DIMM, Max. 8GB
System Chipset	Integrated in Intel® Atom™ SoC
BIOS	AMI
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

Mechanical and Environmental

Dimensions	95mm x 114mm (3.74" x 4.49")
Max. Power Requirement	Intel® Atom™ E3845 1.91GHz w/ 2x 4GB DDR3L-1600 +5V : 1.92A
Operating Temperature	-40°C~85°C (-40°F~185°F)
Storage Temperature	-40°C~90°C (-40°F~194°F)
Relative Humidity	10%~90% (non-condensing)

Graphics

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

Ordering Information

ET839-145	Intel® Atom™ E3845 SoC ETX (3.0) CPU Module w/ CRT, LVDS and 10/100 LAN, heat spreader included
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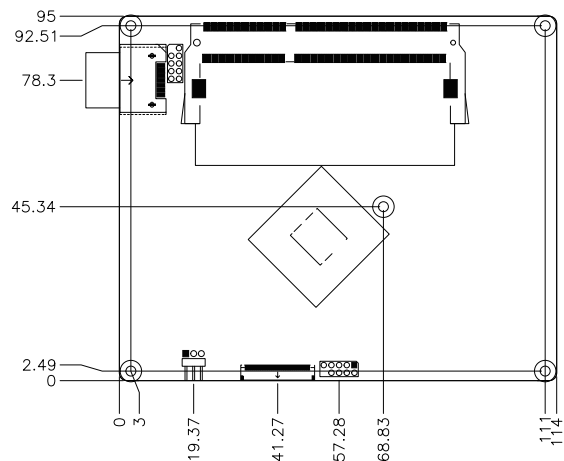
LAN

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

Dimensions and Drawing

Multi I/O

I/O Chipset	Nuvoton NCT6102D 1x keyboard, 1x mouse, 1x 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)



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