



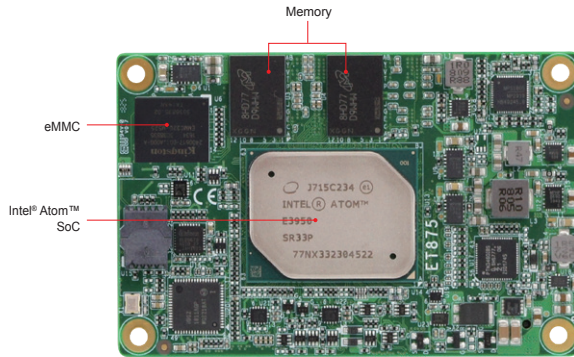
1 Embedded Systems

2 CPU Modules

3 Disk-Size SBCs

4 Motherboards

5 CPU Cards



Features

- Onboard Intel® Atom™ x7-E3950, 2.0GHz or x5-E3930, 1.8GHz [i-Temp support]
- Onboard LPDDR4 memory
- 1x Intel I210IT PCI-E Gigabit LAN
- Supports TPM (2.0), eMMC5.0 (optional)
- Wide-range operating temperature

Specifications

CPU Type	Intel® Atom™ QC x5/ E3930 (1.3 GHz~1.8GHz) Intel® Atom™ QC x7 / E3950 (1.6GHz~2.0GHz) Intel® Pentium® QC N4200 (1.10GHz~ 2.50GHz) Intel® Celeron® DC N3350 (1.10GHz~ 2.40GHz)
System Memory	Onboard Memory, LPDDR4, Max 8GB
System Chipset	Integrated in Intel SoC
BIOS	AMI
Watchdog Timer	256 levels
SSD	eMMC 5.0 up to 32GB (optional)
H/W Monitor	Yes
Expansion Slot	4x PCI-E(x1)
VGA Controller	Intel® SoC integrated Gen9-LP graphics
VGA Memory	Shared memory
Display Interface	1x DDI 1x LVDS or 1x eDP (By option)
LAN Controller	Intel® I210IT PCI-E Gigabit LAN
LAN Connector	1x RJ45 on carrier board (IP415)
I/O Chipset	Fintek F81804U-I 2x UART (TX/RX only)
USB	8x USB 2.0 via carrier board 2x USB 3.0 via carrier board
Serial ATA	2x SATA III via carrier board
Audio	Intel® Atom™ SoC built-in HD Audio controller
Others	TPM (2.0), I2C
Dimensions	84mm x 55mm (3.3" x 2.17")
Max. Power Requirement	TBD
Operating Temperature	-40°C ~ 85°C (-40°F~185°F)
Storage Temperature	-40°C ~ 90°C (-40°F ~ 194°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

ET875-X7LV8G	COM Express (Type 10) CPU Module with Intel® Atom™ x7/ E3950 (2.0GHz), LVDS, 8GB memory on board
ET875-X5	COM Express (Type 10) CPU Module with Intel® Atom™ x5/ E3930 (1.8GHz) on board, eDP, 4GB memory on board
ET875-420LVM8G	COM Express (Type 10) CPU Module with Intel® Pentium® N4200 (2.5GHz), LVDS, eMMC 32GB, 8GB memory on board
ET875-335	COM Express (Type 10) CPU Module with Intel® Celeron® N3350 (2.4GHz), eDP, 4GB memory on board

Dimensions and Drawing

