

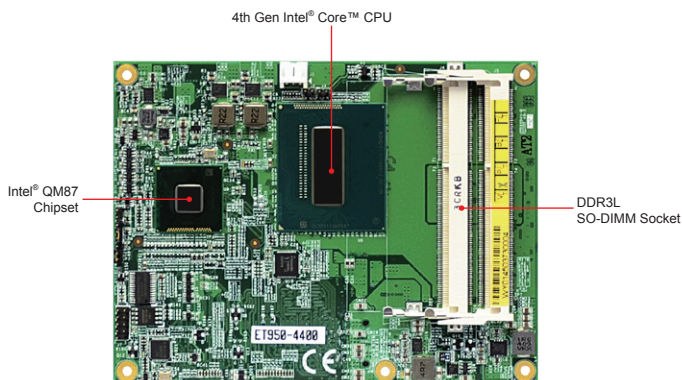
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## Features

- Onboard 4th Gen Intel® Core™ i7/i5/i3 QC/DC processors
- 2x DDR3L SO-DIMM, Max. 16GB
- Single Gigabit LAN via carrier board (IP409)
- 2x SATA II, 2x SATA III, 4x USB 3.0, 4x USB 2.0, 2x COM via carrier board (IP409)
- Supports 3x independent displays, DisplayPort/ DVI-I/ DVI-D/ LVDS via carrier board (IP409)
- Supports HD audio via carrier board (IP409)

## Specifications

CPU Type	Onboard 4th Gen Intel® Core™ i7/i5/i3 QC/DC processors
System Memory	2x DDR3L SO-DIMM, Max. 16GB (Non-ECC)
System Chipset	Intel® QM87 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slot	1x PCI-E(x16), 1x PCI-E(x4), 2x PCI-E(x1), 1x Mini PCI-E on carrier board (IP409)
VGA Controller	4th Gen Intel® Core™ processor integrated graphics, supports DVI-D, DVI-I, DisplayPort, LVDS
VGA Memory	Max. Shared memory – 1024MB
Display Interface	24-bit single-channel LVDS on carrier board (IP409)
LAN Controller	1x Intel® I217LM Gigabit LAN PHY
LAN Connector	1x RJ45 on carrier board (IP409)
I/O Chipset	Nuvoton NCT5523D onboard (support Tx /Rx only) Below functions on carrier board (IP409) 1x LPT, 1x KB, 1x mouse, 2x RS232 (full function)
USB	4x USB 3.0 via carrier board (IP409) 4x USB 2.0 via carrier board (IP409)
Serial ATA	2x SATA II, 2x SATA III via carrier board (IP409)
Audio	Intel® QM87 PCH built-in audio w/ Realtek ALC662 codec on carrier board (IP409)
Others	Digital I/O (4-in / 4-out) on carrier board (IP409)
Dimensions	95mm x 125mm (3.74" x 4.9")
Max. Power Requirement	Intel® Core™ i7-4700EQ 2.4 GHz w/ 4GB DDR3-I600 +12V: 5.24A; +5V: 0.66A +3.3V: 0.23A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

## Ordering Information

ET950-4700	COM Express (Type 6) CPU Module w/ Intel® Core™ i7-4700EQ(2.4GHz), QM87 PCH, DDR3 dual-channel memory
ET950-4400	COM Express (Type 6) CPU Module w/ Intel® Core™ i5-4400E(2.7GHz), QM87 PCH, DDR3 dual-channel memory
ET950-4100	COM Express (Type 6) CPU Module w/ Intel® Core™ i3-4100E(2.4GHz), QM87 PCH, DDR3 dual-channel memory
IP409	Flex ATX COM Express (Type 6) carrier board
HSET950-BGA-1	Heatsink with fan for ET950 / ET960
HSET950-BGA-2	Heat Spreader for ET950 / ET960

## Dimensions and Drawing

