



## Features

- Onboard 5th Gen Intel® Core™ i7 mobile 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	5th Gen Intel® Core™ i7 mobile processors on board
PCH	Intel® QM87 PCH
Memory Types	2x DDR3L SO-DIMM, Max. 16GB (Non-ECC)
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	N/A
Expansion Slots	1x PCI-E(x16), 1x PCI-E(x4), 2x PCI-E(x1), 1x Mini PCI-E on Carrier Board (IP409)
Graphics Controller	Intel® 5th Gen Core™ Processor integrated graphics, Supports DVI-D, DVI-I, DisplayPort, LVDS
Video Output	24-bit single-channel LVDS on Carrier Board (IP409)
Ethernet	1x Intel® I218LM Gigabit LAN PHY
I/O Chip	Nuvoton NCT5523D
Serial Port	2x COM port (Tx/Rx only)
USB 2.0	4x USB 2.0 via Carrier Board (IP409)
USB 3.0/ 3.1	4x USB 3.0 via Carrier Board (IP409)
Serial ATA	2x SATA II, 2x SATA III via Carrier Board (IP409)
Audio	Intel® QM87 PCH built-in audio with Realtek ALC662 or ALC888S codec on Carrier Board (IP409)
TPM	N/A
Others	Digital I/O (4-in / 4-out) on Carrier Board (IP409)
Dimensions (L X W)	95mm x 125mm (3.74" x 4.92")
Power Consumption	Intel® Core™ i7-5850EQ 2.7GHz w/ 2x 4GB DDR3L-1600 +12V : 6.5A ; +5V : 0.75A +3.3V : 0.2A ; +5VSB : 0.06A
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

ET960-Q26	COM Express (Type-6) CPU Module w/ Intel® Core™ i7-5700EQ (2.6GHz), QM87 PCH, DDR3L dual-channel memory
ET960-Q27e	COM Express (Type-6) CPU Module w/ Intel® Core™ i7-5850EQ (2.7GHz), QM87 PCH, DDR3L dual-channel memory
IP409	Flex ATX COM Express (Type-6) Carrier Board
HSET950-BGA-1	Heatsink w/ fan for ET950 / ET960
HSET950-BGA-2	Heat Spreader for ET950 / ET960

\*(S) means with Realtek ALC888S codec

## Dimensions and Drawing

