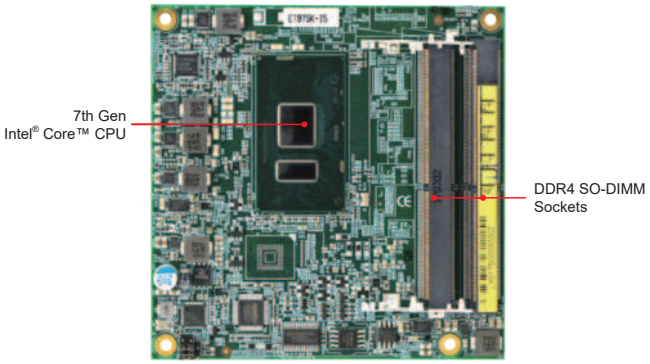
ET975

7th Gen Intel® Core™ U-Series COM Express Type-6



Features

- Onboard 7th Gen Intel® Core™ i7/i5/i3 processors
- 2x DDR4 SO-DIMM, Max. 32GB
- supports 2x DDI port or DDI + VGA
- 1x Intel® PCI-E GbE LAN
- Watchdog timer
- 8x USB 2.0, 4x USB 3.0, 2x COM, 2x SATA III
- 4x PCI-E(x1), 1x PCI-E(x4)
- TPM (2.0), eMMC5.0 (option)

Specifications

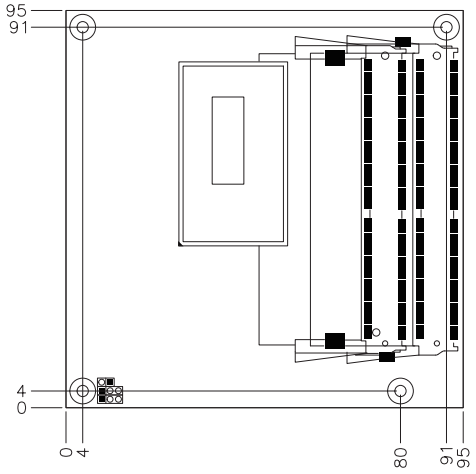
CPU	Onboard 7th Gen Intel® Core™ U-Series processors
PCH	N/A
Memory	2x DDR4 SO-DIMM, Max. 32GB
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	eMMC 5.0, up to 32GB (option)
Expansion Slots	4x PCI-E(x1), 1x PCI-E(x4)
Graphics Controller	7th Gen Intel® Core™ U-Series processor integrated graphics, supports DVI, HDMI, DisplayPort, LVDS
Video Output	24-bit dual-channel LVDS on carrier board
Ethernet	Intel® I219LM LAN PHY
I/O Chipset	Nuvoton NCT5523D on board (supports Tx/Rx only)
Serial Port	2x COM port (Tx/Rx only))
USB 2.0	8x USB 2.0 via baseboard
USB 3.X	4x USB 3.0 via baseboard
Serial ATA	2x SATA III via carrier board
Audio	7th Gen Intel® Core™ U-Series processor built-in HD audio + Realtek ALC662 or ALC888S codec
TPM	TPM (2.0)
Others	N/A
Dimensions (L X W)	95mm x 95mm (3.74" x 3.74")
Power Consumption	Intel® i7-7600U, 2.8GHz w/ 8GB DDR4-2133 +12V: 3.47A; +5V: 1.4A +3.3V: 0.33, +5VBS: 0.10A
Operating Temperature	-20°C~60°C (-4°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10% ~ 90% (non-condensing)

Ordering Information

ET975K-I7	COM Express (Type-6) CPU Module w/ Intel® Core™ i7-7600U, DDR4 dual-channel memory, 2x DDI
ET975K-I7V	COM Express (Type-6) CPU Module w/ Intel® Core™ i7-7600U, DDR4 dual-channel memory, 1x DDI+ 1x VGA
ET975K-I5	COM Express (Type-6) CPU Module w/ Intel® Core™ i5-7300U, DDR4 dual-channel memory, 2x DDI
ET975K-I5V	COM Express (Type-6) CPU Module w/ Intel® Core™ i5-7300U, DDR4 dual-channel memory, 1x DDI+1x VGA
ET975K-I3 (MOQ)	COM Express (Type-6) CPU Module w/ Intel® Core™ i3-7100U, DDR4 dual-channel memory, 2x DDI
ET975S-I7V	COM Express (Type-6) CPU Module w/ Intel® Core™ i7-6600U, DDR4 dual-channel memory, 1x DDI+1x VGA
ET975K-I7	COM Express (Type-6) CPU Module w/ Intel® Core™ i7-7600U, DDR4 dual-channel memory, 2x DDI
HSET975-A	Heatsink with fan for ET975
HSET975-1	Heat spreader for ET975

*(S) means with Realtek ALC888S codec

Dimensions and Drawing



Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit www.ibase.com.tw.