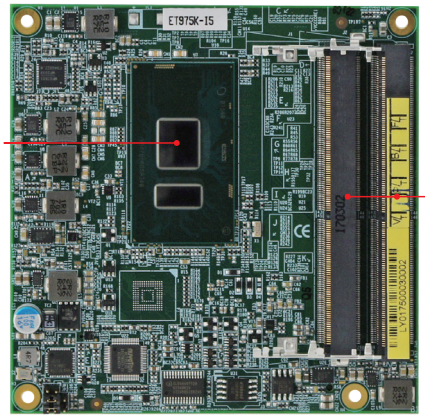
ET975

COM Express

7th Generation Intel® Core™ U-series Processor COM Express (Type 6)

NEW





(All via baseboard)

Features

- Onboard 7th Generation 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, Digital I/O
- 8x USB 2.0, 4x USB 3.0, 2x COM, 2x SATAIII
- 4x PCI-E(x1), 1x PCI-E(x4)
- Supports TPM 2.0, eMMC5.0 (Optional)

System

CPU Socket	Onboard 7th Generation Intel® Core™ U-series processors
System Memory	2x DDR4 SO-DIMM, Max. 32GB
System Chipset	N/A
BIOS	AMI
Watchdog Timer	256 levels
SSD	eMMC 5.0 up to 32GB (Optional)
H/W Monitor	Yes
Expansion Slot	4x PCI-E(x1), 1x PCI-E(x4)

Graphics

VGA Controller	7th Generation Intel® Core™ U-series processor integrated graphics, supports DVI, HDMI, DisplayPort, LVDS
VGA Memory	Shared memory
LCD Interface	24-bit dual channels LVDS on baseboard

LAN

Controller	Intel® I219LM LAN PHY
Connector	1x RJ-45 on baseboard (IP413)

Multi I/O

I/O Chipset	Nuvoton NCT5523D on board (supports Tx/Rx only)
USB	4 ports USB3.0 via baseboard 8 ports USB2.0 via baseboard
Audio	7th Generation Intel® Core™ U-series processor built-in HD Audio
Others	Digital I/O, TPM2.0

Mechanical and Environmental

Dimensions	95mm x 95mm (3.74" x 3.74")
Max. Power Requirement	TBD
Operating Temperature	0°C~60°C (32°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) with Intel® Core™ i7-7600U, DDR4 dual channel memory, 2x DDI
ET975K-i7V	COM Express (Type 6) with Intel® Core™ i7-7600U, DDR4 dual channel memory, 1x DDI+ 1x VGA
ET975K-i7e32	COM Express (Type 6) with Intel® Core™ i7-7600U, DDR4 dual channel memory, , 2x DDI, eMMC 32GB
ET975K-i7Ve32	COM Express (Type 6) with Intel® Core™ i7-7600U, DDR4 dual channel memory, 1x DDI+ 1x VGA, eMMC 32GB
ET975K-i5	COM Express (Type 6) with Intel® Core™ i5-7300U, DDR4 dual channel memory, 2x DDI
ET975K-i5V	COM Express (Type 6) with Intel® Core™ i5-7300U, DDR4 dual channel memory, 1x DDI+ 1x VGA
ET975K-i5e32	COM Express (Type 6) with Intel® Core™ i5-7300U, DDR4 dual channel memory, 2x DDI, eMMC 32GB
ET975K-I5Ve32	COM Express (Type 6) with Intel® Core™ i5-7300U, DDR4 dual channel memory, 1x DDI+ 1x VGA, eMMC 32GB
ET975K-i3 (MOQ)	COM Express (Type 6) with Intel® Core™ i3-7100U, DDR4 dual channel memory, 2x DDI
ET975S-I7	COM Express (Type 6) with Intel® Core™ i7-6600U, DDR4 dual channel memory, 2x DDI,
ET975S-I7V	COM Express (Type 6) with Intel® Core™ i7-6600U, DDR4 dual channel memory, 1x DDI+ 1x VGA
ET975S-I7e32	COM Express (Type 6) with Intel® Core™ i7-6600U, DDR4 dual channel memory, 2x DDI, eMMC 32GB
ET975S-I7Ve32	COM Express (Type 6) with Intel® Core™ i7-6600U, DDR4 dual channel memory, 1x DDI+ 1x VGA, eMMC 32GB
HSET975-A	Heatsink with Fan for ET975
HSET975-1	Heat Spreader