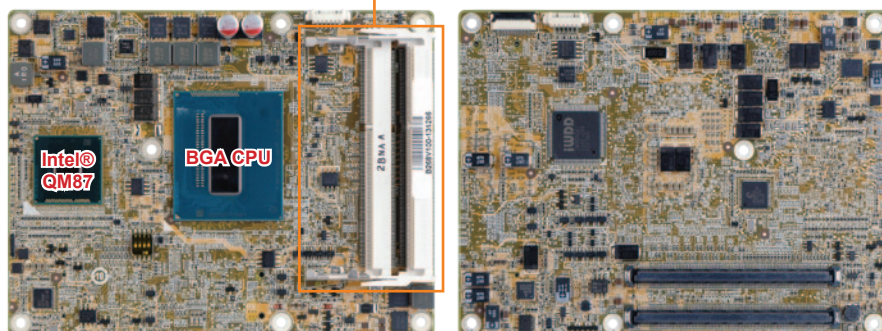


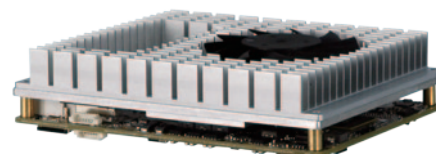
ICE-QM871

Dual-channel DDR3 1333/1066 MHz

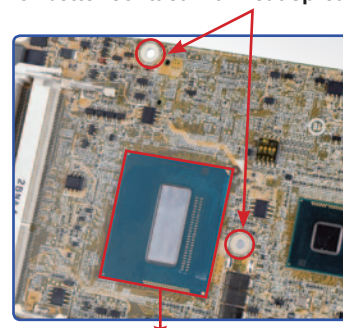


Com Express Rev 2.1 Type 6 Pinout

D	4 ports USB 3.0		2 lanes PCIe x 1		DDI 1	DDI 2	DDI 3	PCIe x16	12V
C									
B	LPC SMB iC	4 ports SATA	Audio	8 ports USB 2.0	6 lanes PCIe x1	LVDS B	VGA	5VSB	12V
A	GBE					LVDS A	Others	SPI	2 ports eSATA



**Addition mounting holes
for better contact with heat spreader**



4th Generation Intel® Core™ BGA CPU

1. 4th generation Intel® mobile Core™ i7/i5/i3 or Celeron® on-board processor
2. Intel® HD Graphics technology integrates high-performance graphics and media processing
3. Dual-channel DDR3 1600/1333 support up to 16GB
4. Support 1.5V/1.35V DDR3 SO-DIMM
5. 18/24-bit dual-channel LVDS, analog CRT and three DDI supported
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery
7. Support AMT 9.0

1 x ICE-QM871 single board computer
1 x Heat spreader
1 x Utility CD
1 x Cooler
1 x Driver CD
1 x QIG (Quick Installation Guide)

Part No.	Description
ICE-QM871-i7-R10	COM Express Basic Type 6 module supports Intel® 22nm 4th Generation Mobile Core™ i7-4700EQ processor (47W), VGA, LVDS, DDI, GbE, PCIe Gen3, AMT 9.0, SATA 6Gb/s, USB 3.0 and HD Audio, RoHS
ICE-QM871-i5E-R10	COM Express Basic Type 6 module supports Intel® 22nm 4th Generation Mobile Core™ i5-4402E processor (25W), VGA, LVDS, DDI, GbE, PCIe Gen3, AMT 9.0, SATA 6Gb/s, USB 3.0 and HD Audio, RoHS
ICE-QM871-i3E-R10	COM Express Basic Type 6 module supports Intel® 22nm 4th Generation Mobile Core™ i3-4102E processor (25W), VGA, LVDS, DDI, GbE, PCIe Gen3, SATA 6Gb/s, USB 3.0 and HD Audio, RoHS
ICE-QM871-CE-R10	COM Express Basic Type 6 module supports Intel® 22nm 4th Generation Celeron® Mobile 2002E processor (25W), VGA, LVDS, DDI, GbE, PCIe Gen3, SATA 6Gb/s, USB 3.0 and HD Audio, RoHS
ICE-DB-T6R-R10	Base Board for COM Express Type 6 Module COM.0 Rev. 2.1, support PICMG EAPI R1.0

- ICE-QM871-2014-V10

Mouser Electronics

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