



Features

- Onboard 5th Gen Intel® Core™ i7 QC processors
- 2x DDR3L SO-DIMM, Max. 16GB
- Integrated graphics, supports DVI-I/ DVI-D / LVDS/ DisplayPort
- 2x Intel® PCI-E Gigabit LAN
- Watchdog timer, Digital I/O, TPM(2.0), iAMT (10.0), iSMART 3.1
- 6x USB 2.0, 4x USB 3.0, 6x COM, 4x SATA III, 2x SATA II
- 1x PCI-E (x16), 2x Mini PCI-E (x1)

Specifications

CPU Socket	BGA1364
CPU	5th Gen Intel® mobile Core™ i7 QC processors
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)
Mini Type Slots	2x Mini PCI-E (x1)
Graphics Controller	Intel® 5th Gen Core™ i7 integrated graphics supports CRT, DVI, DisplayPort, LVDS / eDP
Video Output	Supports 24-bit dual-channel LVDS/eDP DVI-I, DVI-D, DisplayPort
Ethernet	Intel® I218LM PHY Intel® I211AT PCI-E Gigabit LAN
I/O Chip	Fintek F81866AD-I
Serial Port	5x RS232, 1x RS232/422/485 (jumperless selection)
USB 2.0	2x USB 2.0 on board 4x USB 2.0 via pin-header
USB 3.0/ 3.1	4x USB 3.0 on board
Serial ATA	4x SATA III 2x SATA II
Audio	Intel® QM87 PCH built-in HD audio controller + ALC892 with 7.1 channel
TPM	TPM (2.0)
Others	Digital I/O (4-in/4-out), ATX power connector, iSMART
Dimensions (L x W)	170mm x 170mm (6.7" x 6.7")
Power Consumption	Intel® Core™ i7-5850EQ 2.70GHz w/ 4GB DDR3L-1600 +12V: 3.37A; +5V: 0.83A; +5VSB: 0.08A; +3.3V: 0.51A
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

MI985AF-Q26	BGA1364 Intel® QM87/Core™ i7-5700EQ (2.6GHz) Mini-ITX motherboard w/ DVI-I, DVI-D, DisplayPort, LVDS, dual Gigabit LAN, iAMT (10.0), TPM (2.0), iSMART
MI985AF-Q27e	BGA1364 Intel® QM87/Core™ i7-5850EQ (2.7GHz) Mini-ITX motherboard w/ DVI-I, DVI-D, DisplayPort, LVDS, dual Gigabit LAN, iAMT (10.0), TPM (2.0), iSMART

Dimensions and Drawing

