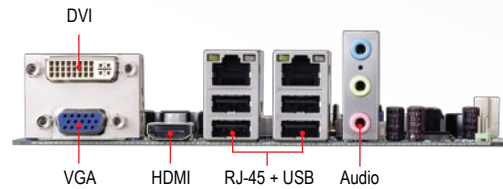


### Features

- Intel® Core™ i7/i5 Processor
- HDMI, DVI, VGA display output
- 1x PCI Express x16 + 1x PCI slot
- Intel® Matrix Storage Technology supports RAID 0/1/5/10
- Intel® Active Management Technology 7.0



### Specifications

#### Processor & System

CPU	Intel® Core™ i7-2710QE, 2.1GHz, 6M Last Level Cache, 32nm, 45W TDP
	Intel® Core™ i5-2510E, 2.5GHz, 3M Last Level Cache, 32nm, 35W TDP
Chipset	Intel® QM67 Express Chipset
Memory	2x 204-pin SO-DIMM sockets, vertical type Dual-Channel DDR3 1066/1333MHz, up to 8GB
BIOS	AMI 32 Mb SPI BIOS
Watchdog Timer	1-255 sec or 1-255 min software programmable, can generate system reset
Hardware Monitor	CPU/System temperature, fan speed and onboard DC voltages
Operation Systems	Windows® XP, 7 32/64-bit Fedora™ 14, Redhat Enterprise Linux 5

#### I/O Interfaces

Serial ATA	2x SATA 6 Gb/s ports 1x SATA 3 Gb/s ports
Expansion Slot	1x PCIe x16 slot, 1x PCI slot, 1x PCI Express Mini Card slot
USB	6x USB 2.0 ports (4x faceplate, 2x onboard pin headers)
KB/MS	2x 3 internal pin header
Serial Port	3x RS-232 + 1x RS-232/422/485

#### Audio

Audio Codec	Realtek ALC892
Interface	Line-in, Line-out, Mic-in

#### Display

Graphics	Intel® HD Graphics integrated in processor
VRAM	Shared memory
CRT	Up to 2048 x 1536 @ 60 Hz (QXGA)
DVI	DVI-D
HDMI	HDMI Type A
LVDS	Dual Channel 24-bit LVDS

#### Ethernet

Controller	Intel® 82579LM + 82574L
Interface	PCI Express x1 bus
Wake On LAN	Yes

#### Mechanical and Environmental

Form Factor	Mini-ITX
Dimensions	170 mm x 170 mm (L x W)
Operating Temp.	0°C to 60°C
Storage Temp.	-20°C to 80°C
Certifications	CE, FCC Class A
Relative Humidity	10% to 90%, non-condensed

### Ordering Information

Model Number	Description/Configuration
MI-220	Mini-ITX Intel® Core™ i7/i5 Industrial Motherboard

### Packing List

MI-220	MI-220 I/O Shield
2x SATA data cables	Driver CD
Quick Reference Guide	