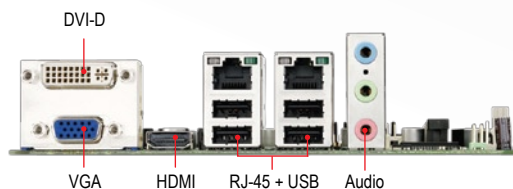


Features

- Intel® Core™ i7/i5/i3 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, 2.1 GHz, 6M Last Level Cache, 32nm, 45W TDP (4C) |
| | Intel® Core™ i5-2510E, 2.5 GHz, 3M Last Level Cache, 32nm, 35W TDP (2C) |
| | Intel® Core™ i3-2330E, 2.2 GHz, 3M Last Level Cache, 32nm, 35W TDP (2C) |
| | Intel® Celeron® B810, 1.6 GHz, 2M Last Level Cache, 32nm, 35W TDP (2C) |
| | Intel® QM67 Express Chipset |
| 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 flash |
| 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, Red Hat 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 | PS/2 keyboard/mouse by 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 |
| VGA | Up to 2048 x 1536 @ 60 Hz (QXGA) |
| DVI | DVI-D, up to 1920 x 1200 @ 60 Hz |
| HDMI | HDMI Type A, up to 1920 x 1200 @ 60 Hz |
| LVDS | Dual Channel 24-bit LVDS, up to 1600 x 1200 (UXGA) |

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-condensing |

Ordering Information

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

Optional Accessories

| Model Number | Description/Configuration |
|---------------|-----------------------------------|
| PGA988 Cooler | cooler for MI-220, with backplate |

Packing List

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ADLINK Technology:](#)

[MI-220](#)