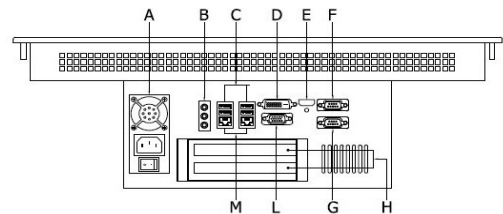


Legend:

- | | |
|-------------------------------|----------------------------|
| A - POWER CONNECTOR | F - RS-232 [COM 1] |
| B - LINE OUT; MIC IN; LINE IN | G - RS-232/422/485 [COM 2] |
| C - 4x USB 2.0 | H - EXPANSION SLOTS |
| D - DVI | L - VGA |
| E - HDMI | M - 2x GIGABIT LAN |



System:

- CPU : Intel Core i5 520M 2.4 GHz; i7 620M 2.66 GHz
- Chipset : Intel QM57
- FSB : 1333/1066 MHz
- Graphics : Intel HD Graphics
- Memory type : 2x DDR3 sodimm 1333 MHz [up to 8 GB]
- Audio : Realtek ALC888 HD audio
- Ethernet : 1x Intel 82574L gigabit ethernet
: 1x Intel 82577LM gigabit ethernet

Display:

- TFT type : 19" Color TFT LED with LED Inverter
- Resolution : 1280x1024 pixel
- Brightness : 350 cd/m² (typical)
- Contrast ratio : 1000:1 (typical)
- View angle : -85~80 (H); 85~80 (V)
- Max colours : 16.7 Millions
- Touch type : Five wires resistive

Input / Output connectors:

- Serial ports : 1x RS-232; 1x RS-232/422/485 ports
- USB ports : 4x USB 2.0; 1x USB 2.0 [frontal]
- Video output : 1x VGA [female]; 1x DVI; 1x HDMI ports
- Ethernet : 2x RJ45 ports
- Audio : 3x audio jacks: 1x LINE OUT; 1x MIC IN; 1x LINE IN
- Power connection : 24 VDC terminal block (1x 3-pins)
: 110 – 240 VAC standard cable

Supported operating systems:

- Windows XP Professional SP3
- Windows XP Embedded (SP2 or SP3)
- Windows Seven SP1 [32 / 64 bit]
- Windows Seven Embedded Standard [32 / 64 bit]
- Windows 8.1 Industry Pro [32/64 bit]
- Windows 10 Enterprise LTSC 2016 [32/64 bit]
- Linux (Ubuntu 14 or newer) and further distros

Expansion slots:

- 1x mini PCI-e (full size)
- 2x SATA II connectors (raid 0/1/5/10 configurations)
- 1x PCI and 1x PCI-e (x1) slots with riser card (optional)

Power specification:

- Rated input voltage : 24 VDC 110 – 230 VAC
- Input voltage limit : 9.....29 VDC 90.....264 VAC
- Power consumption : 49 W (typical consumption)

Generic specifications:

- Dimension : 483x400x160 mm (L x H x W)
- Weight : 10 Kg
- Materials : anodized aluminium (panel)
: galvanized (case)
- Cooling type : with fan
- Protection grade : IP 66 (frontal)
- Mounting type : panel mounting with pins
- Operating temperature : 0 °C - +50 °C (90% humidity, no condensing)

Order options:

- Storage: 2x HDD/SSD
- Memory module size: 2GB or 4GB DDR3 sodimm 1333 MHz
- Expansion slots: Riser card with 1x PCI and 1x PCI-e (x1) slots
- Additional WI-Fi module [PCI/ PCI-e /mini PCI-e device]
- Additional PCI-e / PCI / mini PCI-e devices [by request]
- External USB 2.0 DVD-RW recorder