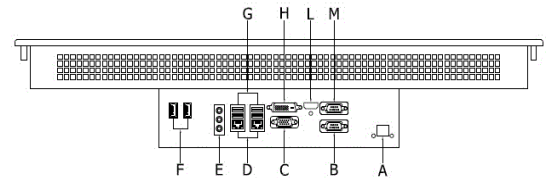


Legend:

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



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 : 22" Color TFT LED with LED Inverter
- Resolution : 1680x1050 pixel
- Brightness : 250 cd/m² (typical)
- Contrast ratio : 1000:1 (typical)
- View angle : -170~160 (H); 178~170 (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 LTSB 2016 [32/64 bit]
- Linux (Ubuntu 14 or newer) and further distros

Expansion slots:

- 1x mini PCI-e (Full Size)

Power specification:

- Rated input voltage : 24 VDC
- Input voltage limit: : 9.....29 VDC
- Power consumption : 53 W (typical consumption)

Generic specifications:

- Dimension : 583x400x112 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 (95% humidity, no condensing)

Order options:

- Storage: 1x HDD/SSD
- Memory module size: 2GB or 4GB DDR3 sodimm 1333 MHz
- Additional WI-Fi ethernet [mini PCI-e, full-size module]
- External USB 2.0 DVD-RW recorder
- External 110 – 230 VAC power supply