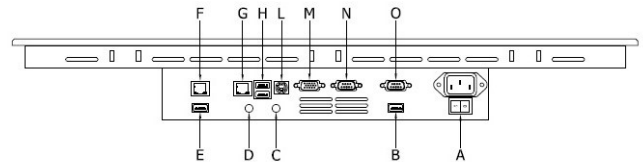


**Legend:**

- |                              |                                 |
|------------------------------|---------------------------------|
| A - POWER CONNECTOR          | H - 2x USB 2.0                  |
| B - USB 2.0                  | L - PS/2 (KEYBOARD MOUSE)       |
| C - LINE OUT                 | M - VGA                         |
| D - MIC IN                   | N - RS-232 [COM 1]              |
| E - USB 2.0                  | O - RS-232/422/485 [COM 2]      |
| F - GIGABIT LAN 2 [OPTIONAL] | P - C-FAST READER [OPTIONAL]    |
| G - GIGABIT LAN 1            | Q - REMOVABLE HD/SSD [OPTIONAL] |



**System:**

- CPU : Intel Core i5 i2510e 2.50 GHz; i7 i2710QE 2.10 GHz
- Chipset : Intel QM67
- FSB : 1333/1066/800 MHz
- Graphics : Intel HD Graphics
- Memory type : 1x DDR3 sodimm 1333 MHz [up to 8 GB]
- Audio : Realtek ALC888 HD audio
- Ethernet : 1x Intel 82579L gigabit ethernet

**Display:**

- TFT type : 21.5" color TFT LCD with LED backlight
- Resolution : 1920x1080 pixel
- Brightness : 250 cd/m<sup>2</sup> (typical)
- Contrast ratio : 1000:1 (typical)
- View angle : -85~80 (H); 88~85 (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]
  - I/O port : 1x PS/2 connector (Keyboard/mouse)
  - Audio : 2x audio jack: 1x LINE OUT; 1x MIC-IN
  - Video output : 1x VGA [female] connector
  - Ethernet : 1x RJ45 ports
  - Power connection : 24 VDC terminal block (1x 3-pins)
- [-] 1x RS-232 and 1x RS-232/422/485 com ports are not present adding the optionals 2x RS-422/485 opto-isolated com ports

**Support operating system:**

- 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:**

- 2x mini PCI-e (Full Size)
- 2x SATA II connectors (raid 0/1 configurations)

**Power specification:**

- Rated input voltage : 24 VDC 110 – 230 VAC
- Input voltage limit: : 9.....36 VDC 90.....264 VAC
- Power consumption : 53 W (typical consumption)

**Generic specifications:**

- Dimension : 579x367x70 (L x H x W)
- Weight : 7,7 Kg
- Technology construction : true flat
- Materials : anodized aluminium (panel)  
: galvanized (case)
- Cooling type : with fan
- Protection grade : IP 66 (frontal)
- Mounting type : panel mount with retaining clips
- Operating temperature : 0 °C - +50 °C (80% humidity, no condensing)

**Order options:**

- Storage: 2x HDD/SSD [\*]  
: 1x C-Fast (16 GB, 32GB) [\*]
  - Memory module size: 2GB, 4GB or 8GB DDR3 sodimm 1333 MHz
  - Additional Intel 82574L gigabit ethernet [mini PCI-e, full-size module]
  - Additional WI-Fi ethernet [mini PCI-e, half-size module]
  - Additional mini PCI-e modules on demand
  - Additional 2x RS-422/485 opto-isolated com ports [mini pci-e, full size] [-]
  - External USB 2.0 DVD-RW recorder
- [\*] - Cannot be installed together