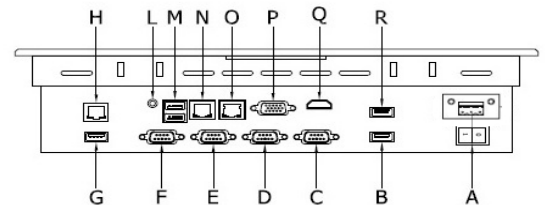


Legend:

- | | |
|------------------------------|---------------------------------|
| A - POWER CONNECTOR | M - 2x USB 3.0 |
| B - USB 2.0 | N - GIGABIT LAN 1 |
| C - RS-232 [COM 3] | O - GIGABIT LAN 2 |
| D - RS-232/422/485 [COM 1] | P - VGA |
| E - RS-232 [COM 2] | Q - HDMI |
| F - RS-232 [COM 4] | R - USB 2.0 |
| G - USB 2.0 | S - C-FAST READER [OPTIONAL] |
| H - GIGABIT LAN 3 [OPTIONAL] | T - REMOVABLE HD/SSD [OPTIONAL] |
| L - LINE OUT | |



System:

- CPU : Intel Celeron quad core J1900 2.0 GHz
- Chipset : Intel Bay trail
- FSB : 1333 MHz
- Graphics : Intel Gen7 Graphics DX 11
- Memory type : 1x DDR3L sodimm 1600 MHz [up to 8 GB]
- Audio : Realtek ALC888S HD audio
- Ethernet : 2x Realtek 8111G-CC gigabit ethernet

Display:

- TFT type : 12.1" Color TFT LCD with LED Inverter
- Resolution : 800x600 pixel or 1024x768
- Brightness : 450 cd/m² or 500 cd/m² (typical)
- Contrast ratio : 700:1 (typical)
- View angle : -80~80 (H); 65~75 (V) | -80~80 (H); 80~80
- Max colours : 16.7 Millions
- Touch type : Five wires resistive

Input / Output connectors:

- Serial ports : 3x RS-232; 1x RS-232/422/485 ports [-]
 - USB ports : 3x USB 2.0; 2x USB 3.0; 1x USB 2.0 [frontal]
 - Audio : 1x audio jack: LINE OUT
 - Video output : 1x VGA [female]; 1x HDMI connectors
 - Ethernet : 2x RJ45 ports
 - Power connection : 24 VDC terminal block (1x 3-pins)
 - Power connection : 110 – 230 VAC standard cable
- [-] 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 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 (Half Size) + 1x mini PCI-e (Full Size) shared with mSATA
- 1x mSATA slot (Full Size) shared with SATA2 connector

Power specification:

- Rated input voltage : 24 VDC 110 – 230 VAC
- Input voltage limit: : 9.....36 VDC 90.....264 VAC
- Power consumption : 19 W (typical consumption)

Generic specifications:

- Dimension : 335x270x70 mm (L x H x W)
- Weight : 3,5 Kg
- Technology construction : true flat
- Materials : anodized aluminium (panel)
: galvanized (case)
- Cooling type : fanless
- 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 DDR3L sodimm 1600 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