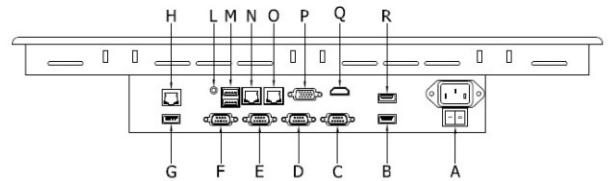


Legend:

| | |
|------------------------------|---------------------------------|
| 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 | : 18.5" color TFT LCD with LED inverter |
| - Resolution | : 1366x768 or 1920x1080 pixel |
| - Brightness | : 300 or 350 cd/m ² (typical) |
| - Contrast ratio | : 1000:1 (typical) |
| - View angle | : 170~170 (H); 178~170 (V) |
| - Max colours | : 16.7 Millions |
| - Touch type | : Projected capacitive |

Input / Output connectors:

| | |
|--------------------|---|
| - Serial ports | : 3x RS-232; 1x RS-232/422/485 ports [-] |
| - USB ports | : 3x USB 2.0; 2x USB 3.0 |
| - 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) : 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 | : 30 W (typical consumption) | |

Generic specifications:

| | |
|-------------------------|---|
| - Dimension | : 500x320x75 mm (L x H x W) |
| - Weight | : 7.5 Kg |
| - Materials | : 3 mm temperate glass (cover) : 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 |