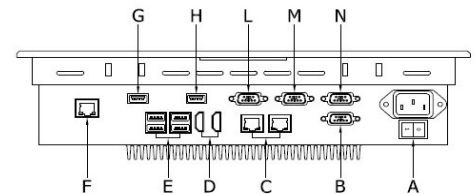


Legend:

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



System:

- CPU	: Intel Core i3-4010U 1.7 GHz, i5-4300U 1.9 GHz
- Chipset	: Intel Haswell ULT
- Graphics	: Intel HD Graphics
- Memory type	: 1x DDR3L sodimm 1600 MHz [up to 8 GB]
- Ethernet	: 1x Realtek 8111G-CC gigabit ethernet : 1x Intel 218LM gigabit ethernet

Display:

- TFT type	: 12.1" Color TFT LCD with LED Inverter
- Resolution	: 800x600 pixel or 1024x768
- Brightness	: 450 cd/m ² or 500 cd/m ² (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	: projected capacitive

Input / Output connectors:

- Serial ports	: 2x RS-232; 2x RS-232/422/485 ports [-]
- USB ports	: 4x USB 3.0; 2x USB 2.0
- Video output	: 2x HDMI connectors
- Ethernet	: 2x RJ45 ports
- Power connection	: 24 VDC terminal block (1x 3-pins) : 110 – 230 VAC standard cable

[-] 2x 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	: 25 W (typical consumption)	

Generic specifications:

- Dimension	: 335x270x70 mm (L x H x W)
- Weight	: 3,5 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