Esaware Box IPC
Rugged design. Expandable technology.

The new Box IPC range that fulfills even the toughest industrial requirements.
Esaware EW400 rugged Box IPCs have been designed for harsh industrial environments.
The EW400 series is particularly suited when thermal shocks and critical temperature conditions are required, -20 / +60 °C .

These are EW400 Rugged main features:

- Fanless design
- Rugged structure
- A technologically advanced heat dissipation system and an operating Temperature between -20 and + 60°C
- Heat-pipe cooling: an efficient active cooling system that allows the device to maintain superior computing performances without CPU throttling even in high temperature environments
- Up to CPU i7 quad core
- Equipped with the state-of-the-art I/F; USB 3.0, CFast, PCIe/PCI expansions

Side A - Detail of CFast slot , serial ports and main power push button switch.
APO or ATX selection.

Side B - Huge I/F capability towards the field, 3 display ports , 4 USB 3.0 , 2 independent LAN ports.

Features	EW400 Atom	EW400 Intel Core
Aluminium Enclosure	Heavy duty steel chassis Selection ATX/APO via Bios LED green on/off On/Off push-button LED red HDD Lockable power connector Aluminum heat-sink with Heat-Pipe thermal system	
CPU Fanless	Atom Dual Core D2550 1,86 GHz	Intel Core i3-3120ME 2,4GHz Intel Core i7-3610QE Quad 2,3GHz
Chipset	NM10 DMI 2,3GT/s	QM77 DMI 5GT/s
GPU embedded	GMA3650 min 640 MHz	HD Graphics 4000 650/1000 MHz
RAM	2GB RAM up to 16GB DDR3	4GB RAM up to 16GB DDR3 SODIMM 204-pin 1333 MHz
I/F	2 x RS232/422/485 Sub-D 9 pin 3 x RS232 Sub-D 9 pin 6 x USB ver.2.0 2 x Ethernet 1 Gbit RJ45 – Intel 82574L 1 x miniPCIe slot 1 x VGA 1 x DVI-D 1 x Line Out / Mic In 1 x CFast slot external access	2 x RS232/422/485 Sub-D 9 pin 3 x RS232 Sub-D 9 pin 4 x USB ver. 3.0 2 x Ethernet 1 Gbit RJ45 - Intel 82579/82574L 1 x miniPCIe slot 1 x VGA 1 x DVI-D 1 x HDMI 1 x Line Out / Mic In 1 x CFast slot external access
Drives	HDD min. 500GB/SSD min. 16GB/CFast min. 4GB	HDD min. 500GB/SSD min. 16GB/CFast min. 4GB [RAID 0-1 optional]
Mechanical slot (opt.)	-	2 x slot (1xPCIe x1 + 1PCI)
Operating Temperature (°C)	-20...+ 60 (non condensing)	
Storage Temperature (°C)	-20 ... + 65	
Humidity	<90% (non condensing)	
Weight (kg)	3	4,5/6 (0/2 slot ver.)
Power supply (Vdc)	9...26 - 22W (2GB + HDD)	9...26 - 45W (i3 - 4GB+HDD)
Dimensions (W/H/D) (mm)	299x216x59	337x239x77 / 337x239x122 (0/2 slot ver.)
Operating Systems	WIN7 - WES7	
Protection degree	IP20	
Certifications	CE / EN61000-6-2 / EN61000-6-4 / EAC	