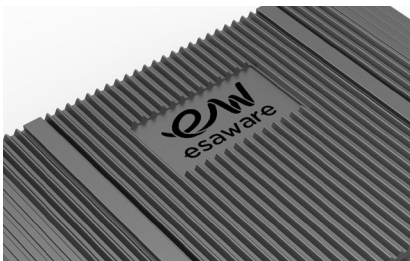# Esaware Box IPC
Compact design. Multi-connectivity.

Esaware EW410 Box IPC series offers a multi-functions compact version designed for industrial applications.
EW410 thanks to its compactness and the variety of I/F can be used in any industrial or professional application.
By means of lateral fixing plates or DIN-RAIL mount accessory, EW410 can be easily installed directly into the machine or positioned inside the electrical cabinet.

These are EW410 Compact main features:

- Fanless design
- High performances in a compact size
- Multi I/F to communicate with the field
- Serial, USB, ETH, and mini PCIe slot to support mSATA, 3G and Wi-Fi cards.
- An elegant and functional design with aluminum heat-sink for highly efficient passive heat dissipation
- Dual monitor control function.
- SSD or HDD support (CPU J1900 only)

Full covered with aluminum heat-sink for optimal conventional heat dissipation.

Detail of I/F ports
2 or 4 independent LANs
4 USB 2.0 - 3.0
2 multi serial ports
Main push button switch

Features

Aluminum Enclosure	Heavy alu extrusion chassis Aluminum Heat-Sink LED green on/off Selection ATX/APO via Bios On/Off push-button LED blue HDD Lockable power connector Wall/VESA/DIN rail - mounting options	
CPU Fanless	Celeron Quad Core J1900 2,00 GHz	Atom Dual Core D2550 1,86 GHz
Chipset	SoC	NM10 DMI 2,5GT/s
GPU embedded	HD Graphics Resolution 1920 x 1080 DVI Resolution 2560 x 1600 VGA	GMA3650 Resolution 1920 x 1080 DVI /VGA
RAM	4GB DDR3L 1066 MHz on board	2GB DDR3 1066 MHz on board
I/F	2 x RS232/422/485 Sub-D 9 pin 1 x RS232/422/485 8-bit DIO 9 pin 4 x USB ver. 2.0 1 x USB ver. 3.0 1 x DVI-I 4 x Ethernet 1 Gbit RJ45 - Intel I210 2 x MiniPCIe slot (1x mSATA) 1 x SIM slot (RS485 Auto Direct.Control)	2 x RS232/422/485 Sub-D 9 pin 4 x USB ver. 2.0 2 x Ethernet 1 Gbit RJ45 - Intel 82574L 3 x MiniPCIe slot (1x mSATA) 1 x DVI-I 1 x Line Out / Mic In 1 x CFast slot external access 1 x SIM slot (RS485 Auto Direct.Control)
Drives options	mSATA/SSD/HDD	CFast/mSATA
Operating Temperature (°C)	0...+60 (non condensing)	
StorageTemperature (°C)	-20...+80	
Humidity	85% (non condensing)	
Weight (kg)	0,8	0,7
Power supply (Vdc)	9 ... 36 max 20W	9 ... 26 - max 20W
Dimensions (W/H/D) (mm)	180 x 121 x 33	161x108x32
Operating system (32/64 bit according to CPU type)	WIN7 - WES7 – WIN8.1 – WIN10 – UBUNTU 14	WIN7 - WES7 - WES2009 – UBUNTU 12
Protection degree	IP 20	
Certifications	CE - EN61000-6-2 / EN61000-6-4 / EAC	