



## Box IPC

### Endurance and reliability

XB300 industrial BOX PC family offers a complete range of products able to fully satisfy any automation requirement. XB300 industrial BOX PC range gives the maximum power to your applications thanks to the possibility to choose between several CPUs of series Intel® Core™ and Core 2 Duo, Celeron B810, Celeron Core Duo T3100, Intel Core2Duo P8400, Intel Atom N270, with or without slots, 2 or 3 PCI/PCIe on board. XB300 BOX PC range has a modular architecture in order to best exploit the potential of Intel CPUs, ensuring both low energy consumption and high performance. XB300's aluminum finned cover also permits a quick heat dissipation generated from the internal motherboard components.

These are XB300 main features:

- Wide choice of configurations with/without PCI slot, 2 or 3 PCI/PCIe
- High configuration flexibility with modular HDD,SSD,PCI slot, CPU and RAM
- Removable HDD/SSD
- RAID function
- Industrial design that can meet any automation requirement
- Low energy consumption thanks to the aluminum finned cover that permits a quick heat dissipation
- Easy installation and maintenance on cabinets or on a side of the machine



Features	XB300 Atom 2PCI	XB300 3 Slot iCore	XB300 0PCI Celeron/ C2D	XB300 2PCI Celeron/ C2D	XB300 3PCI Celeron/ C2D
CPU Fanless	Intel Atom N270 1.6 GHz	Intel® iCore i3-3120ME 2.4 GHz, i5-3610ME 2.7 GHz, Cel. B810 1.6 GHz	Intel® Celeron Core Duo T3100 1.9 GHz, Intel® Core2Duo P8400 2.26 GHz		
Chipset	945GSE+ICH7M	QM77	GM45+ICH9M		
FSB	533 MHz	DMI 5GT/s	800/1066 MHz		
RAM	up to 2 GB DDR2	up to 16 GB DDR3	up to 8 GB DDR3		
Hard disk / SSD (opt.)	min. 500 GB 2.5" SATA / SSD 16 GB	min. 500 GB 2.5" SATA / SSD 16 GB	min. 500 GB 2.5" SATA / SSD 16 GB		
Compact flash slot External access	1 x	1 x	1 x		
RS232 serial port	2 x	2 x	2 x		
RS485 serial port	-	2 x	-		
USB ports (2.0) - (3.0)	4 x	2x / 6x	4 x		
Power ON green LED frontal	1 x	1 x	1 x		
HDD red led	1 x	1 x	1 x		
ATX/APO selector	1 x	via software	1 x		
PS/2 keyboard / mouse	1 x	USB	1 x		
1 Slot (opt.)	1x PCI	1x PCI	-	2 x PCI	3 x PCI
2 Slot (opt.)	1x PCI	1x PCIe x8	-	2 x PCI	3 x PCI
3 Slot (opt.)	-	1x PCIe x8	-	2 x PCI	3 x PCI
Wi-Fi card (opt.)	Internal USB / PCI	internal USB / PCI	internal USB / PCI		
Video port	1 x VGA + 1 x DVI-I (single-link digital signal only)	1 x DVI-I (single-link) + 1 x HDMI	1 x VGA + 1 x DVI-I (single-link digital signal only)		
Audio port	MIC IN + Line IN + Line OUT	MIC IN + Line OUT	MIC IN + Line IN + Line OUT		
Ethernet ports RJ45	2 x Ethernet 10/100/1000 Mbit RTL 8111C	2 x Ethernet 10/100/1000 Mbit RTL 82574	2 x Ethernet 10/100/1000 Mbit RTL 8111C		
External (W x H x D) (mm)	195 x 268 x 125	195 x 268 x 146	195 x 268 x 104	195 x 268 x 125	195 x 268 x 146
Back-up with battery	1 x	1 x	1 x		
Power supply (Vdc)	11..32 - max 95 W	11..32 - max 95 W	11..32 - max 95 W		
Power consumption (W) (24 Vdc - basic config - NO PCI CARDS)	30	42/54	54/42		
Protection level	IP20				
Weight (kg)	5	5,5	4,5	5	5,5
Operating temperature (°C)	0 .. +50 (non condensing)				
Storage temperature (°C)	-20...+60				
Humidity	85% (non condensing)				
Certifications	CE, Immunity EN 61000-6-2 / Emissions 61000-6-4				
Optional kits					
RAID 2xHDD function	1 x				
Removable HDD/SSD (opt.)	1 x				
Operating system	WIN7 - WES2009 - Win® XP Pro SP3 MUI				