IBX-300B/BC

Fanless Dual Core Box for Digital Security and Surveillance

IBX-300B

IBX-300BC

Features

- Dual core computing power in 1 liter compact box
- New generation Intel® Atom™ D510 1.66GHz processor inside
- 8 channels real time video capture with D1 resolution
- VGA display resolution up to 2048x1536
- Support one 2.5” SATA hard drive

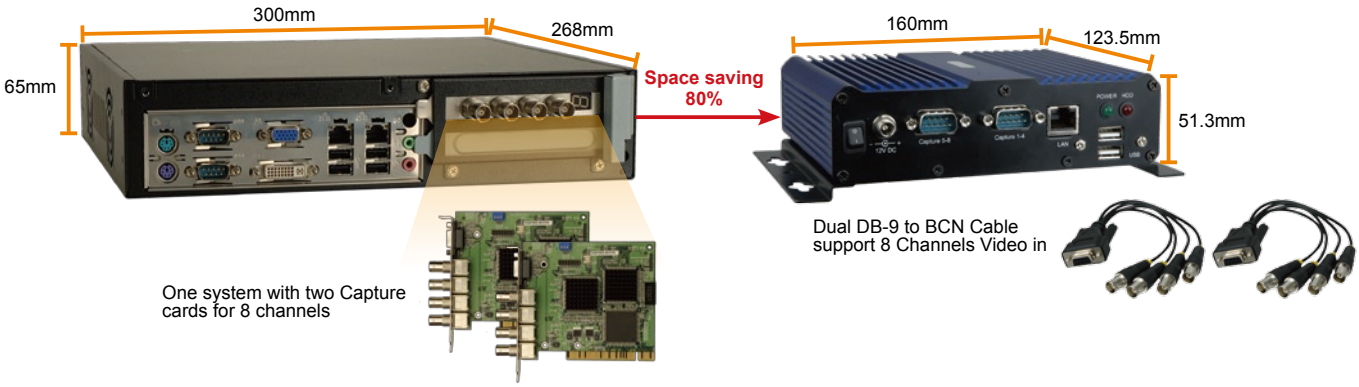
Fanless

Specifications

Model	IBX-300B	IBX-300BC
Processor	Intel® Atom™ Processor D510 1.66GHz/1MB L2 Cache	
Chipset	ICH8M	
Video Capture Engine	N/A	Conexant CX25853 Multiport Composite Video Decoder Conexant CX25821 PCIe Media Bridge
System Memory	1GB DDR2 SODIMM Memory Pre-installed	
Ethernet	1 x Intel® 82567V PCIe PHY	
Display	VGA (2048 x 1536@60Hz)	
USB 2.0	4	
Serial Port	1 x RS-232	
Audio	1 x mic in, 1 x line out	
Storage	1 x 2.5” SATA HDD space	
Wireless	802.11 b/g for wireless model	
Power Input	12VDC in	
Operating Temperature	-10°C ~ 50°C (with HDD) with air flow*	-10°C ~ 40°C (with HDD) with air flow*
Operating shock	Half-sine wave shock 3G; 11ms; 3 shocks per axis	
Operating Vibration	Meet MIL-STD-810F 514.5C-1	
Weight (Net/Gross)	1.0 kg / 2.8 kg	
Dimensions (DxWxH)	160mm(W) x 123.5mm(D) x 51.3mm (H)	
Mounting	Desktop, wall mount, VESA mount (optional)	

* Ambient air speed pre IEC-68-2-2 standard

Space Saving



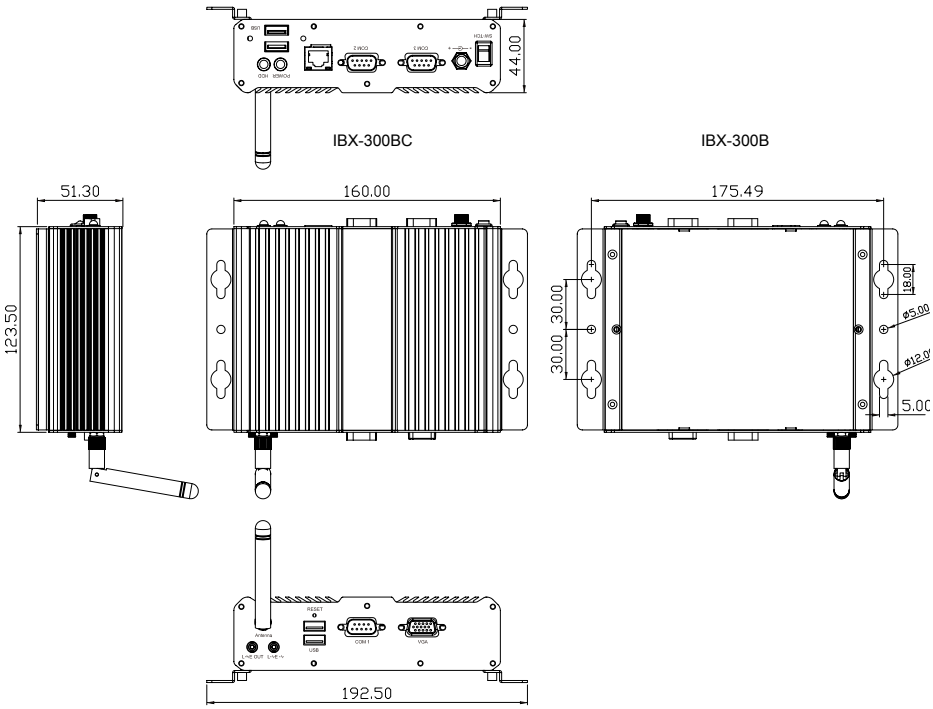
Video Capture

8 Channels Video Capturing	
Video capture Engine	Conexant CX25853
Video Input	8 channels composite video(NTSC/PAL/SECAM)
Video ADC	10-bit
Max. resolution	720 x 480(NTSC), 720x576(PAL/SECAM)
Frame rate	NTSC: 4 channels with total 30 fps@D1 per channel PAL/SECAM: 4 channels with total 25 fps@D1 per channel
Driver support	Windows® XP, Vista, Windows® 7

Packing List

1 x Driver CD	1 x Power cord
1 x Screw set	1 x QIG
2 x Quad channel BNC cable (IBX-300BC series) (P/N:32014-000200-100-RS)	
1 x SATA hard drive cable (P/N: 32801-003600-100-RS)	
1 x 40W 12V power adaptor (with ERP and PSE certificates) (P/N:63000-FSP040DGAA1107-RS)	
1 x 2dbi wireless antenna (for wireless model only)	

Dimensions *(Unit: mm)*



Ordering Information

Part No.	Description
IBX-300BC-R10/D510/1GB	Fanless embedded system with Intel® Atom™ Processor dual core D510 1.66G CPU, with two DB9 for 8 channels video capture, with 1GB DDR2 memory, 40W power adaptor with ERP and PSE certificates, Blue, RoHS
IBX-300BCW-R10/D510/1GB	Fanless embedded system with Intel® Atom™ Processor dual core D510 1.66G CPU, with two DB9 for 8 channels video capture, with 1GB DDR2 memory, bult-in 802.11b/g wireless, 40W power adaptor with ERP and PSE certificates, Blue, RoHS
IBX-300B-R10/D510/1GB	Fanless embedded system with Intel® Atom™ Processor dual core D510 1.66G CPU, with 1GB DDR2 memory, 40W power adaptor with ERP and PSE certificates, Blue, RoHS
IBX-300BW-R10/D510/1GB	Fanless embedded system with Intel® Atom™ Processor dual core D510 1.66G CPU, with 1GB DDR2 memory, bult-in 802.11b/g wireless, 40W power adaptor with ERP and PSE certificates, Blue, RoHS