

IBT6321

WaterProof / DustProof Fanless High Temperature System

INTEL Quad Core Atom Platform

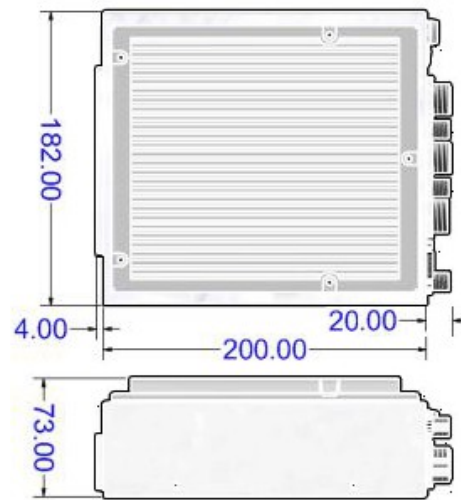
Specifications

System Mainboard	IB897-I45 (High Temperature)
CPU Type	Intel® Atom™ Processor E3845 (2M Cache, 1.91 GHz) 10W TDP Quad Core – Quad Threads 64 bit processors and VT-x
CPU Package	BGA
Chipset	SoC
Memory	DDR3-1333, Max. 8GB
Graphics	Intel HD Graphics integrated in CPU 12eu • DirectX 11.2 • Direct Compute 11 • Open GL 4.3 • Open GL ES 3.0 • OpenCL 1.2 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • Maximal 2 screens channel
LAN	2x Intel® I21xIT Gigabit Ethernet controller
Expansion Slots	1x Half-Size mPCIe(x1) slots for WiFi + Bluetooth option 1x Full-Size mPCIe(x1) slots for mSATA
I/O Interface	1x VGA 4x USB 2.0 ports (1 External) 1x USB 3.0 ports (1 External) 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 Serial Port 1x Power-Input with Valve
Watchdog Timer	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum
Weight	0 kg (0 lbs)
Chassis Color	Black
Storage	1x 2.5" drive bay good for SSD or HDD external access
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	182 x 200 x73 mm
Operating Temperature	0°C~ 75°C
Storage Temperature	-20° ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation



Features

- Intel Atom E3845 TDP <10W
- Extreme environment up to 75°C
- Easy Replace Storage in a removable tray
- System with Vent Valve, release air pressure
- Quad Core Processors Integrated DirectX 11
- iSMART - for auto-scheduler and power resume
- 2x mPCI PCI-E(x1) slot
- 2 x RS232/485 serial port
- Fanless, Compact Design



Ordering Information

SYS-IBT6321-897-8-080

WaterProof/DustProof Fanless System with
IB897-I45 (Intel E3845) 8 GB DDR3L RAM, 80GB
HDD, 60W power adaptor

[Http://ibt.ca/ibt6321](http://ibt.ca/ibt6321)



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