

HABEY



Ultra-Compact Intel Atom E6xx series based Fanless PC ***Dual GbE, Quad COM, 24bit LVDS, HDMI, CAN Bus and more....***

The BIS-6622 is developed around Intel's latest embedded Atom E600 Series System on Chip processors and Intel Platform Controller Hub EG20T with no more than 5.5W power consumption. It features two Gigabit Ethernet ports, four COM ports, CAN bus interface and mini-PCIe slot with SSD support. Its integrated GMA600 graphic supports full hardware acceleration of H.264, MPEG4, VC1, and WMV, and hardware encode of MPEG4 and H.264, eliminating the need for software decode/encode and off-loading the processor. The unique fanless enclosure design includes The BIS-6620's industrial grade embedded board, SSD (solid-state drive) support, VGA or HDMI interface with digital audio and ultra-compact fanless enclosure design make it perfect for full HD media player applications, network appliance, digital signage, POS and other embedded applications.

BIS-6622



BIS-6622 Ultra-compact Atom E6xx fanless embedded PC

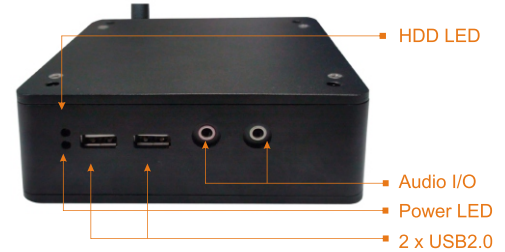
Features

- Ultra-compact for space-constrained applications
- VESA mount ready for easy installation and mounting
- Low power consumption and fanless design
- Supports HD video hardware decoding and encoding
- Built-in dual Gigabit Ethernet ports and WIFI
- Internal mini PCIe slot with SSD support option
- HDMI or VGA supports 1920x1080@50Hz
- One RJ45 COM, three built-in internal COM ports
- One 24bit internal LVDS connector
- Internal CAN Bus connection for automotive applications

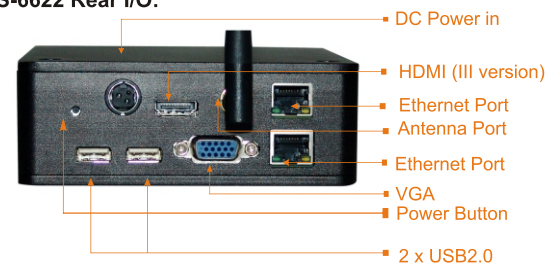
Specifications

	BIS-6622-III	BIS-6622-IV
Processor	Intel Atom E6xx (TunnelCreek) 0.6GHz/1.0GHz/1.3GHz	
PCH	Intel Platform Controller Hub EG20T (Topcliff)	
Memory	Onboard DDR2 800MT/s memory up to 2GB	
Display	HDMI (1920x1080@50Hz)	VGA (1920x1080@50Hz)
I/O	3x COM (internal); 1 full RJ45 RS232, 3x Tx & Rx only 2x Front USB2.0, 2 x Rear USB2.0	
Audio	Integrated Intel Hi-Definition Audio	
LAN	2 x Gigabit Ethernet, Realtek RTL8211CL + RTL8111D	
Wireless	Via internal USB or mini-PCle	
Storage	1 x 1.8" SATA HDD/SSD mounting, mini-PCle SSD option	
Expansion	1x mini PCIE slot with SSD support option	
CAN Bus	Via PCA82C250T, supports CAN protocol version 2.0	
System Ctrl	Powering on after power fail + Power On/Off button	
Hardware Decoder	Full hardware acceleration of H.264, MPEG2, MPEG4, VC1, and WMV9 up to 1080i @ 30fps	
Hardware Encoder	Full hardware acceleration of H.263, H.264, and MPEG4 up to 720p @30fps	
LED	Power and HDD indicator	
Power	Consumption Average < 10W, DC +12V@2A minimum	
Temperature	-10°C ~ 50°C operating, -40°C ~ 60°C storage	
Dimensions	125mm×125mm×45mm(W×D×H)	

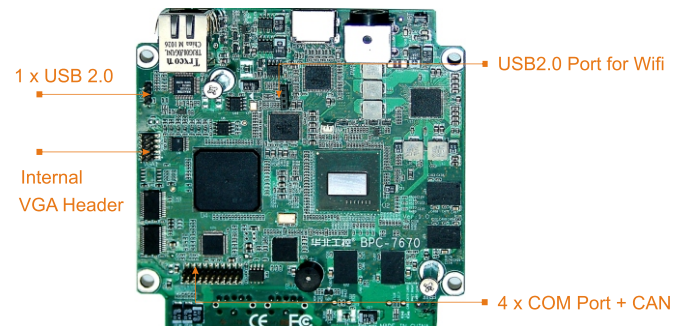
BIS-6622 Front I/O:



BIS-6622 Rear I/O:



BIS-6622 Internal Connections:



Bolt-on VESA mount:

