NORCO

Ultra-Compact Intel Atom E6xx series based Fanless PC

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 Intel's Hyper-Threading Technology, hardware-assisted Virtualization Technology and green technology. Its integrated GMA600 graphic supports 2D, 3D and advanced 3D graphics and 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 Bolt-Thru holes for standard VESA mount; make it easier to mount on flat panel monitors, TVs, and other displays on stands or wall mounts without extra bracket.

The BIS-6622's industrial grade embedded board, SSD (solid-state drive) support, dual Gigabit Ethernet, dual independent displays, full featured I/Os and ultra-compact fanless enclosure design make it perfect for communication appliances, digital signage media player, kiosk, proximity, POS, thin-client, automotive computers, industrial control, and "build your own embedded system" applications.

BIS-6622

intel Atom

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 high-definition video hardware decoding and encoding
- Dual Gigabit Ethernet ports and WIFI support
- Internal mini PCIe slot with SSD support option
- HDMI and VGA dual independent displays
- 4 built-in internal COM ports

Specifications

	BIS-6622-I
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 (1280x768@60Hz)
I/O	4x COM (internal); 1 full 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-PCIe
Storage	1 x 1.8" SATA HDD/SSD mounting, mini-PCIe 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℃ ~ 50℃ operating, -40℃ ~ 60℃ 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:

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