



Intel Bay Trail Based Fanless Embedded System

The VBYT-30 is a small form factor fanless embedded system. Built with the Intel® Bay Trail platform, it supports Intel® Celeron™ J1900, J1800, N2940 and ATOM-E E3845. This system carries a DDR3L SO DIMM slot with a total maximum capacity of 8GB to add higher bandwidth and lower latencies for processes. That being said, this computer also features 1×HDMI and 1×VGA(HDMI2, optional), supporting dual independent playback.

This embedded system has aluminum enclosure, and is designed to be fanless and compact, which makes it an ideal for space-sensitive applications. It has three configurations: 1 version has 1×LAN and 1×VGA and 1×HDMI, and one version 3×LAN and 1×VGA and 1×HDMI, another version has 2×HDMI and 3×LAN. It also has rich interfaces as 5×USB2.0, 1×USB3.0, 2×COM(Either COM can be set as RS232 or RS485), 1×DC_IN, Mic-in and Line -out, catering to all the requirements in the market. This Bay Trail based system is designed for various application as, but not limited to, automation, network security, communication and transportation.

VBYT-30

Intel Bay Trail Based Fanless Embedded System VBYT-30

Features

- ◆ Developed around low power Bay Trail Platform Celeron J1900, Celeron J1800, Celeron N2940 and ATOM-E E3845
- ◆ 1xSO-DIMM slot for memory up to 8GB
- ◆ HD 1080P playback and dual independent displays via HDMI and VGA (HDMI2, optional) ports
- ◆ Rich I/O ports: 1 x USB3.0, 5 x USB2.0, 3 x LAN, 2 x COM(Either COM can be set as RS232 or RS485)
- ◆ Wide expansions: 1 xSATA, 1 x Micro SIM slot, 1 x mSATA, 1 x mini-PCIe
- ◆ Supports PXE, Wake On LAN, Auto Power On Function
- ◆ Fanless design
- ◆ Supporting VESA Mounting Standard MIS-D 75, 100

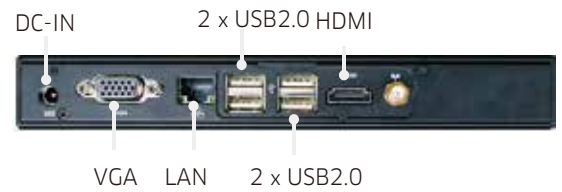
Specifications

Processors	Celeron J1900 (2.00 GHz, quad-Core, TDP 10W) Celeron J1800 (2.41 GHz, dual-Core, TDP 10W) Celeron N2940(1.83GHz, quad-core, TDP 7.5W) ATOM-E E3845(1.91GHz, quad-core, TDP 10W)
System Memory	1 x SO-DIMM slot supports DDR3L up to 8GB
Ethernet	RTL8111H, 10Mbps/100Mbps/1000Mbps, 3 x LAN(Max.)
Storage	1 x SATA, 1 x mSATA
Expansion	1 x Micro SIM slot, 1x mini-PCIe(for WIFI or 3G/4G network)
Power Supply	1 x DC_IN 9~24V(9V~70V, optional)
Display Interface	1 x HDMI, 1 x VGA(HDMI2, optional)
COM	2x COM (Either COM can be set as RS232 or RS485)
USB	5 x USB2.0, 1 x USB3.0
Audio	ALC662 chip, Mic-in, Line-out
Wake On LAN	Yes
Enclosure Material	Aluminum Alloy
Cooling system	Fanless
Color	Black
Operating Temperature	-20 C ~ 50 C
Dimension	150mm x190mm x 29mm
Weight	860g

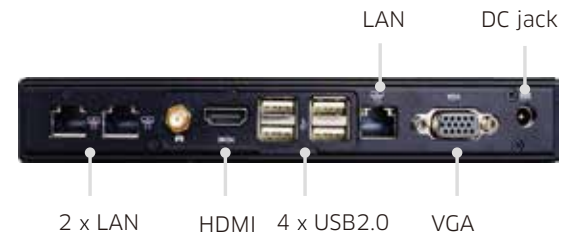
LAN options

VBYT-30-A	VBYT-30-B	VBYT-30-C
VGA+HDMI+1xLAN	VGA+HDMI+3xLAN	HDMI+HDMI+3xLAN

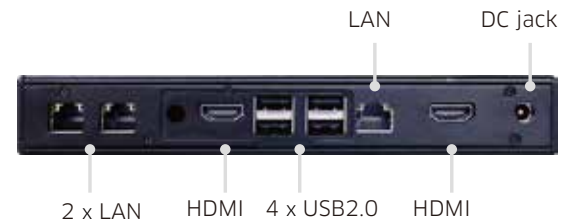
VBYT-30-A



VBYT-30-B



VBYT-30-C



Mounting Kit



Supporting VESA Mounting Standard MIS-D 75, 100

