



EPC-BYT

Intel® Atom™ SoC processor J1900 Fanless Tiny System

- > Onboard Intel® Celeron® J1900 BGA Processor
- > One 204-pin SODIMM Socket Up to 8GB DDR3L 1333MHz SDRAM
- > Rich I/O, 1 VGA, 1 HDMI, 1 CF, 1 Mic-In, 1 Line-In, 1 Line-Out, 2 LAN, 4 COM, 6 USB
- > Expansion Slot Supports 1 Mini PCIe Slot
- > Fanless Operating from 0 ~ 50°C
- > Wide Range DC Power Input from 12 ~ 26V
- > Compact Size, 178mm x 142mm x 50mm
- > Supports VESA 75 & 100
- > IP 30 Rating

+ Spec

System	
Processor	Intel® Celeron® J1900 4-Core 2.0GHz processor
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min.
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Board	ECM-BYT + AUX-032
Expansion	
Expansion	1 x Mini PCIe
Storage	
Storage	1 x CompactFlash Type III Socket 1 x mSATA 1 x 2.5" Drive Bay (7mm HDD Restricted)
I/O	
USB	5 x USB 2.0 1 x USB 3.0
COM Port	3 x RS-232 1 x RS-232/422/485
Other	1 x Knockouts for Antenna Mounting
Display	
Chipset	Intel® Valleyview SoC integrated Graphics
Resolution	VGA:Max. resolution 2560x1080@ 60Hz HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-In, Line-In and Line-Out
Ethernet	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	(w/SSD, mSATA, CF), ambient w/ air flow 0°C ~ 50°C (32°F ~ 122°F) (w/HDD), ambient w/ air flow 0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Construction	Aluminum + Metal
Mounting Kit	Stand (Standard) VESA Mount kit (Optional)
Dimension (L x W x H)	7" x 5.6" x 2.0" (178mm x 142mm x 50mm)
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
Certifications	
Certification Information	CE FCC Class A
Software Support	
OS Information	Win 7 Win 8 Linux
Power Requirement	



Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI3.0 Compliant
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

+ Ordering

EPC-BYT-1900-A1-1R
Intel® Atom™ SoC processor J1900 Fanless Tiny System

ACC-EPC-VESA-2R
VESA Mount kit

ACC-EPC-DINRACK-1R
Din Rail Kit