



## EPC-BYT2

### Intel® Atom™ SoC processor J1900 Fanless Tiny System3



- > Onboard Intel® Celeron® SoC Processor
- > Intel® Valleyview D SoC
- > One 204-pin SODIMM Socket Up to 8GB DDR3L 1333MHz SDRAM
- > Rich I/O, 1 VGA, 1 HDMI, 1 COM/2COM, 2 LAN, 4 USB, 2 Antenna mounting
- > Expansion Slot Supports 2 Mini PCIe Slot
- > Wide Range DC Power Input from 12 ~ 26V
- > Fanless Operating from -10 ~ 45°C
- > Compact Size, 175mm x 110mm x 40mm
- > Optional Wall Mount Kit / VESA / DIN-Rail
- > Supports TPM 1.2 (Factory Option)

#### + Spec

System Information	
<b>Processor</b>	Intel® Celeron® Processor J1900 (2M Cache, up to 2.42 GHz)
<b>System Memory</b>	One 204-pin SODIMM Socket Up to 8GB DDR3L 1333MHz SDRAM
<b>BIOS Information</b>	AMI uEFI BIOS, 64Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec./1sec.step
<b>H/W Status Monitor</b>	Monitoring System Temperature, Voltage with Auto Throttling Control
<b>SBC</b>	ECM-BYT2
Expansion	
<b>Expansion</b>	1 x Full Size Mini PCIe (mSATA supported) 1 x Half Size Mini PCIe
Storage	
<b>Storage</b>	1 x mSATA 1 x 2.5" Drive Bay
I/O	
<b>USB Port</b>	4 x USB (1 x USB 3.0, 3 x USB 2.0)
<b>COM Port</b>	1 x RS-232/2 x RS232 (by order information)
<b>Antenna</b>	2 x Antenna mounting
Display	
<b>Graphic Chipset</b>	Intel® HD Graphics
<b>Spec. &amp; Resolution</b>	VGA Mode: 2560 x 1600 @ 60Hz HDMI Mode: 1920 x 1200 @ 60Hz
<b>Multiple Display</b>	Dual Display
Certifications	
<b>Certification Information</b>	CE, FCC Class A
Ethernet	
<b>LAN Chipset</b>	2 x Realtek RTL8111E Gigabit Ethernet
<b>Ethernet Interface</b>	10/100/1000 Base-Tx Gigabit Ethernet Compatible
<b>LAN Port</b>	2 x RJ45
Power Requirement	
<b>DC Input</b>	+12~26Vdc
<b>DC Input Connector</b>	Lockable DC Jack 2-Pin Terminal Block (Factory Option)
<b>ACPI</b>	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
<b>Power Mode</b>	AT/ATX (ATX is the default setting)
<b>Adapter</b>	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter
Mechanical & Environmental	
<b>Operating Temperature</b>	-10 ~ +45°C (w/mSATA & SSD), Ambient w/Air Flow (Factory Option:-10~+50°C) 0 ~ 40°C (32 ~ 104°F) (w/2.5" Drive Bay), Ambient w/Air Flow
<b>Storage Temperature</b>	-40 ~ 75°C (-40 ~ 167°F)
<b>Dimension (W x L x H)</b>	175mm x 110mm x 40mm (W x D x H)
<b>Weight</b>	960g
<b>Vibration Test</b>	With SSD: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	With SSD: 10G, IEC 60068-2-27, Half Sine, 11ms
<b>IP Rating</b>	40 (Factory Option)
<b>Relative Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
Ordering Information	
<b>Ordering Information</b>	EPC-BYT2-B1-1R Intel® Atom™ SoC processor J1900 Fanless Tiny System  EPC-BYT2-B1-2R Intel® Atom™ SoC processor J1900 w/2COM Fanless Tiny System  ACC-EPC-VESA-04R VESA 75 Mount Kit VESA Kit  ACC-EPC-VESA-05R

VESA 100 Mount Kit VESA Kit

ACC-EPC-DINRACK-1R  
Din Rail Kit

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