



EPC-BYT2

Intel® Atom™ SoC processor J1900 Fanless Tiny System



- > 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, 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

+ Spec

System	
Processor	Intel® Celeron® Processor J1900 Family
System Chipset	Valleyview D SoC Integrated
System Memory	One 204-pin SODIMM Socket Up to 8GB DDR3L 1333MHz SDRAM
I/O Chip	EC ITE IT8528E
BIOS	AMI uEFI BIOS, 64Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./1sec.step
H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control
Board	ECM-BYT2
Storage	
Solid State Drive	1 x mSATA 1 x 2.5" Drive Bay
I/O	
USB	4 x USB (1 x USB 3.0, 3 x USB 2.0)
COM Port	1 x RS-232
Expansion	1 x Full Size Mini PCIe (mSATA supported) 1 x Half Size Mini PCIe
VGA	1 x VGA
Antenna	2 x Antenna mounting
HDMI	1 X HDMI
Switch	1 x Power on/off membrane w/ LED
Display	
Chipset	Intel® Celeron® SoC Integrated Graphics
Resolution	VGA Mode: 2560 x 1600 @ 60Hz HDMI Mode: 1920 x 1200 @ 60Hz
Multiple Display	Dual Display, VGA + HDMI
Ethernet	
Chipset	2 x Realtek RTL8111E Gigabit Ethernet
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
Mechanical & Environmental	
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
Power Type	+12~26Vdc (Lockable DC Jack)
Operating Temp	-10 ~ +45°C (w/mSATA & SSD), Ambient w/Air Flow 0 ~ 40°C (32 ~ 104°F) (w/HDD), Ambient w/Air Flow
Storage Temp	-40 ~ 75°C (-40 ~ 167°F)
Relative Humidity	0% ~ 90% Relative Humidity, Non-condensing
Color	Black
Vibration Protection	With CF/SSD: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Protection	With CF/SSD: 10G, IEC 60068-2-27, Half Sine, 11ms
Fanless	YES
Certifications	
Certification Information	CE, FCC Class A
Power Requirement	
Power Mode	AT/ATX (ATX is the default setting)
Specification	
Dimension	175mm x 110mm x 40mm (W x D x H)
System Control	
LED Indicator	1 x Power on/off LED on rear side 1 x Storage LED on rear side