



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-	
Processor	Intel® Celeron® Processor J1900 (2M Cache, up to 2.42 GHz)
System Memory	One 204-pin SODIMM Socket Up to 8GB DDR3L 1333MHz SDRAM
BIOS Information	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
SBC	ECM-BYT2
Expansion	
Expansion	1 x Full Size Mini PCIe (mSATA supported) 1 x Half Size Mini PCIe
Storage	
Storage	1 x mSATA 1 x 2.5" Drive Bay
I/O	
USB Port	4 x USB (1 x USB 3.0, 3 x USB 2.0)
COM Port	1 x RS-232/2 x RS232 (by order infomation)
Antenna	2 x Antenna mounting
Display	
Graphic Chipset	Intel® HD Graphics
Spec. & Resolution	VGA Mode: 2560 x 1600 @ 60Hz HDMI Mode: 1920 x 1200 @ 60Hz
Multiple Display	Dual Display
Certifications	
Certification Information	CE, FCC Class A, UKCA
Ethernet	
LAN Chipset	2 x Realtek RTL8111E Gigabit Ethernet
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
LAN Port	2 x RJ45
Power Requirement	
DC Input	+12~26Vdc
DC Input Connector	Lockable DC Jack 2-Pin Terminal Block (Factory Option)
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
Power Mode	AT/ATX (ATX is the default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter
Mechanical & Environmental	
Operating Temperature	-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
Storage Temperature	-30~70C° (-22°F ~ 158°F)
Dimension (W x L x H)	175mm x 110mm x 40mm (W x D x H)
Weight	960g
Vibration Test	With SSD: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With SSD: 10G, IEC 60068-2-27, Half Sine, 11ms
IP Rating	40 (Factory Option)
Ordering Information	
Ordering Information	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
E1702031831R Australia Power Cord
E1702031834R Japan Power Cord
E1702031833R USA Power Cord
E170P060380R UK Power Cord
E1702031000R EU Power Cord

www.avalu.com.tw

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660