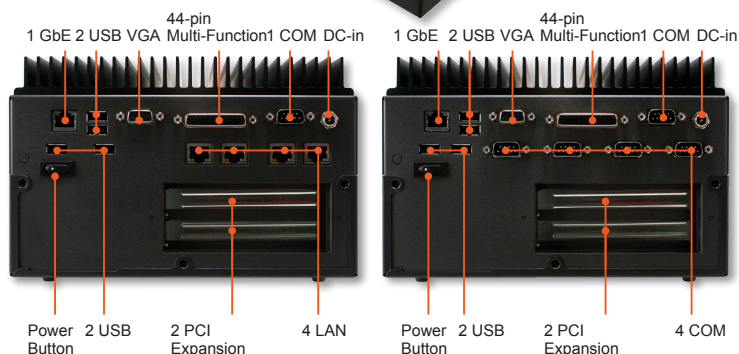




Features

- Onboard Intel® Celeron®/Atom™ J1900/D2550 BGA Processor
- Intel® NM10 Express Chipset
- One 204-Pin SO-DIMM Socket Up to 8GB DDR3L 1066/1333MHz SDRAM
- One 204-Pin SO-DIMM Socket Up to 4GB DDR3 1066MHz SDRAM
- Rich I/O, 1 x VGA, 1 x LAN, 1 x Min-In, 1 x Line-In, 1 x Line-Out, 1 x 12-bit GPIO, 1 x SMBUS, 6 x COM, 2 x PS/2 for KB & MS, 2 x Knockouts Antenna Mounting, 4 x USB
- Expansion Slot Supports 1 Mini PCIe Slot & 2 PCI Slot
- IET Expansion Supports Multi-COM, Multi-LAN Modules
- Rugged Design for Vibration & Shock Protection
- Fanless Operating from -15 ~ 60°C
- Fanless Operating from -10 ~ 60°C
- Wide Range DC Power Input from 12 ~ 26V
- Service Window, Easy to Install SIM Card, Storage, Memory, Mini PCI-e Module and PCI Card

CH5

Embedded Computing-Rugged Fanless System



Model Name	EPS-BYT-2PCI	EPS-CDV-2PCI
Board	EBM-CDVS + AUX-M01/AUX-M02 + AUX-M05 + AUX-M06	EBM-CDVS + AUX-M01/AUX-M02 + AUX-M05 + AUX-M06
Processor	Intel® Celeron® J1900 4-Core 2.0GHz processor	Intel® Atom™ D2550 2-Core 1.86GHz processor
System Chipset	N/A	Intel® NM10 Express Chipset
System Memory	1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec.	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
Expansion & Storage		
Expansion	1 x Mini PCIe, 2 x PCI	
Storage	1 x 2.5" Drive Bay, 1 x mSATA	
I/O		
USB	4 x USB 2.0	4 x USB 2.0
COM	6 x RS-232/422/485 (Can be set as RS-232/422/485 by BIOS)	6 x RS-232/422/485 (Can be set as RS-232/422/485 by BIOS)
Other	1 x SIM Card Slot, 1 x SMBus, 2 x PS2/ KB & MS, 2 x Knockouts for Antenna Mounting	
Display		
Chipset	Intel® Valleyview SoC integrated Graphics	Intel® Cedarview Integrated Graphics
Resolution	VGA:Max. resolution 2560x1080 @ 60Hz	VGA:Max. resolution 1920x1200 @ 60Hz
Audio		
Chipset	Realtek ALC892	
Audio Interface	Mic-In, Line-In and Line-Out	
Ethernet		
Chipset	1 x Intel® I211AT	1 x Intel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible	
LAN Port	1 x RJ-45	
Power Requirement		
Power Requirement	+12V ~ +26V, TVS component for surge protection Reverse current/voltage protection	+12V ~ +26V, TVS component for surge protection
ACPI	Single Power ATX Support S0, S3, S4, S5; ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5; ACPI 3.0 Compliant
Power Mode	AT/ATX (ATX is default setting)	
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter	
Mechanical & Environmental		
Mounting Kit	Wall Mount kit (Standard)	Wall Mount kit (Optional)
Dimension (L x W x H)	8.66" x 8.46" x 5.79" (220mm x 215mm x 147mm)	
Operating Temperature	-15°C ~ 60°C (5°F ~ 140°F) (w/SSD, mSATA), ambient w/ air flow	-10°C ~ 60°C (14°F ~ 140°F) (w/SSD, mSATA), ambient w/ air flow
Storage Temperature	-40°C ~ 75°C (-40°F ~ 167°F)	
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing	
Vibration Test	With SSD/mSATA : 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis	
Shock Test	With SSD/mSATA : 50Grms, IEC 60068-2-27, Half Sine, 11ms	
Certification & Software Support		
Certification Information	CE, FCC Class B	
OS Information	Win 8, Win 7, Linux	