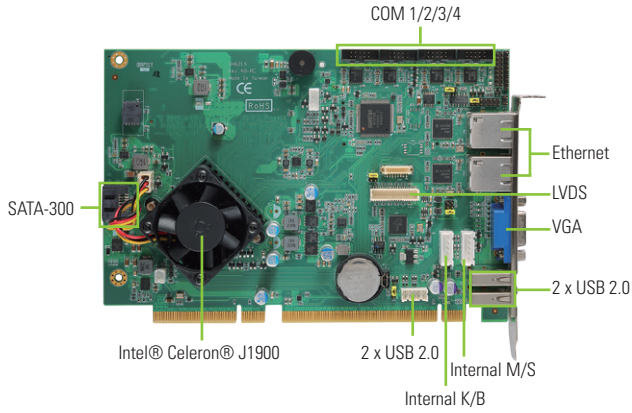
SHB215 NEW

PICMG 1.3 Half-size CPU Card with Intel® Celeron® Processor J1900 (up to 2.42 GHz), SATA2, CFast™, VGA/LVDS and Dual LANs

Features

- Intel® Celeron® Processor J1900 up to 2.42 GHz
- Intel® Bay Trail-D SoC
- 1 DDR3L-1333/1600 SO-DIMM, up to 8GB
- VGA and LVDS with dual view supported
- 1 CFast™ socket onboard



DDR3 CFast™ Full Solid Cap Design

Core System

CPU	Intel® Celeron® Processor J1900 (up to 2.42 GHz)
System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM, up to 8GB
Chipset	Intel® Bay Trail-D SoC
BIOS	AMI
SSD	1 x CFast™
Watchdog Timer	225 levels, 1 ~ 255 sec.
Expansion Interface	1 x PCIe x16 1 x PCIe x4 or 2 PCIe x1
Battery	Lithium 3v/220 mAH
Power Requirements	Intel® Celeron® Processor J1900, 2GB DDR3L +5V @ 1.69A, +12V @ 2.01A, +3.3V @ 1.87A
Size	185 x 126 mm
Board Thickness	1.6 mm
Temperature	0°C ~ +60°C (+32°F ~ +140°F), operation
Operation Humidity	10% ~ 95% relative humidity, on-condensing

I/O

MIO	4 x RS-232/422/485 (COM 1/2/3/4) 1 x PS2 keyboard & mouse
RIO	2 x RJ-45 2 x USB 2.0 1 x VGA
SATA	1 x SATA-300
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart Fan control
Ethernet	1st ports as 10/100/1000 Mbps supports WOL, RPL/PXE Boot ROM with Intel® i211AT 2nd port as 10/100/1000 Mbps supports WOL, RPL/PXE Boot ROM with Intel® i211AT
Audio	N/A
USB	4 x USB 2.0
DIO	N/A
SMBus	System Management Bus for advanced monitoring/control

Display

Chipset	Intel® HD Graphics
Memory Size	Intel® DVMT
Display Interface	1 x VGA connector 1 x LVDS 24-bit dual channel

Packing List

Standard
Quick installation guide, user's manual/utility CD, cable

Cable

Part Number	Description	Qty
59384500200E	COM x 2 w/ bracket, P=2.0, L=250 mm	1
593826A0000E	SATA signal cable 500 mm	1

Ordering Information

Standard	
SHB215VGG (P/N: E38C215100)	PICMG 1.3 half-size CPU card with Intel® Celeron® Processor J1900 (up to 2.42 GHz), SATA2, CFast™, USB 2.0, VGA and Dual LANs

Optional	
59380000290E	PS2 keyboard & mouse cable with bracket
59409222800E	Stack USB 2.0 cable L=260mm