

ICEFIN Architecture Embedded Barebone



Based on Intel Bay Trail Platform ICEFIN Architecture Embedded Barebone

Product:

- ◆ Based on Intel Bay Trail platform, with Intel Celeron Processor J1900
- ◆ 1xSODIMM slot, supports DDR3L-1333MHz, with memory up to 8GB
- ◆ Supports INAND Flash 8G/16G/32G optional (default 32G)
- ◆ Supports VGA+ DVI+ LVDS/HDMI multiple display port, supports independent dual display
- ◆ Provides 6x COM, 1x SATAIII, 1x USB3.0, 7x USB2.0, 2x LAN
- ◆ Provides 1x Mic_in, 1x LINE_OUT, 5W dual-channel power amplifier
- ◆ Expansion Port 2x MINI PCIe, 1x PCIE X1, 1x SIM card slot (support 3G/4G)
- ◆ ICEFIN architecture, fanless design, and easy to maintain

Model	BIS-6676
Color	Black
Size	195mm × 190mm × 67mm(W × D × H)
Structure	ICEFIN architecture fanless design
Material	Aluminium alloy
Motherboard	MITX-6948
Processor	Intel Celeron Processor J1900
Chipset	Intel Bay Trail
Memory	1xSODIMM slot, supports DDR3L-1333MHz, with memory up to 8GB
CF	N/A
SSD	N/A
HDD	Provide INAND Flash 8G/16G/32G optional (default 32G)
Network	2x GbE LAN, 1x SIM card slot (supports 3G/4G)
USB	1x USB3.0, 7x USB2.0
Serial Port	6x COM (COM1-6 supports RS232, COM2 supports both RS485/RS422)
Display	Support VGA + DVI + HDMI multiple display port, and independent dual display
Cooling System	ICEFIN fanless cooling system
Audio	Provides 1x Mic_in, 1x LINE_OUT; 5W dual-channel power amplifier
Expansion Interface	2x MINI PCIe (1x support Mini-PCIe/3G/4G/WLAN card optional, 1x support MSATA), 1x PCIE X1, 1x SIM card slot; supports 3G/4G module
Indicator LED	Power status indicator
System Control	Power switch control
PS/2	----
Wireless	----
GPIO	----
Power Supply	DC+12V external power adapter
Installation	Desktop or wall-mounted
Operating Temperature	0°C ~ 60°C
Storage Temperature	-40°C ~ 85°C
RH	5% ~ 95% RH, non-condensing
Operating Vibration	0.5g rms/5~500Hz/random
EMC	CE/FCC Class B

BIS-6676 Front



BIS-6676 Interface



This product is based on Intel Bay Trail platform, with Intel Celeron Processor.

The J1900 processor ICEFIN architecture embedded barebone, provides 1x SODIMM slot, support DDR3L-1333MHz, with memory up to 8GB, provides INAND Flash 8G/16G/32G optional (default 32G); supports VGA+ DVI+ LVDS/HDMI multiple display port, supports independent dual display; 6x COM, 1x SATAIII, 8x USB (1x USB3.0, 7x USB2.0), 2x LAN, provides 1x Mic_in, 1x LINE_OUT, 5W dual-channel power amplifier; can expanded to 2x MINI PCIe, 1x PCIE X1, 1x SIM card slot (supports 3G/4G).

The product provides a rich and powerful functional interface, high performance, fanless design and industrial high reliability. It can provide perfect hardware solutions for digital signage, POS machine, self-service terminal and industrial automation applications etc.

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