



1. Intel® Celeron™ J1900 (2.0 GHz) quad-core processor
2. Support DirectX 11 3D Graphics Acceleration
3. Support DDR3L 1333
4. Support 2*PCI Express Gigabit LAN
5. Support Power Onboard(12V)
6. Onboard 1* MiniPCI-E connector
7. Onboard 1* M.2 connector(2242/2260)
8. 2 Phase CPU Power Support
9. Support 1* USB3.0, 9* USB2.0
10. Support 12* COM(COM1/2 Support RS232/422/485)
11. Support Amplifier function(3W)
12. Support Thunder Protection Function
13. Support TPM2.0 (option, **IMB-1900-2LT**)
14. Thin mini ITX Form Factor(170mm X170mm)

Specifications

■ CPU-Chipset	<ul style="list-style-type: none"> ■ INTEL® Celeron™ J1900 (2.0 GHz) quad-core processor ■ 2 Phase CPU Power Support
■ I.O Chipset	<ul style="list-style-type: none"> ■ FINTEK F81866AD-I
■ Memory	<ul style="list-style-type: none"> ■ 1*SO-DIMM slot ■ Support DDR3L 1333 ■ Max. capacity of system memory up to 8GB
■ Expansion Slots	<ul style="list-style-type: none"> ■ 1* Mini PCI-E connector
■ Storage	<ul style="list-style-type: none"> ■ 1* Serial ATA2 3Gb/s connector ■ 1* M.2 Connector (2242/2260)
■ Audio	<ul style="list-style-type: none"> ■ Realtek ALC888S Audio CODEC ■ HD Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> ■ REALTEK® RTL8111H Chip ■ 2* PCI Express Gigabit LAN
■ LVDS	<ul style="list-style-type: none"> ■ Onboard 24-bit Dual channel(Co-Lay EDP)
■ USB	<ul style="list-style-type: none"> ■ 1* USB3.0 Port ■ 9* USB 2.0 (3 distribute in back panel, 6 distribute in mid-board)
■ Special Features	<ul style="list-style-type: none"> ■ Support CPU Smart Fan ■ Support Watch dog Technology ■ Support GPIO Technology ■ Support VGA header ■ Support HDIM header ■ Support Power On board ■ Support Amplifier function(3W)

	<ul style="list-style-type: none"> ■ Support 2*RS422/RS485/RS232 COM ports ■ COM1/COM2 Support 5V/12V TTL ■ Thunder Protection Function ■ All Solid Capacitor design ■ All Power Pack MOSFET design ■ Support TPM2.0 (option)
■ Back Panel I / O	<ul style="list-style-type: none"> ■ 1* USB3.0 port ■ 3* USB 2.0 ports ■ 2* RJ-45 ports ■ 1* Line-out connector ■ 1* MIC ■ 1* VGA port (Max. Resolution: 1920*1080@60Hz) ■ 1* 12V DC in
■ Internal I / O	<ul style="list-style-type: none"> ■ 3* USB 2.0 headers for 6 USB 2.0 ports ■ 1* CPU / Chassis Fan connectors ■ 12* COM headers(COM1/COM2 For RS422/RS485/RS232 and TTL) ■ 1* Parallel header ■ 1* PS2/KB header ■ 1* 4-pin ATX 12V Power connector ■ 1* 4-pin SATA Power connector ■ 1* 12-pin VGA header (Max. Resolution: 1920*1080@60Hz) ■ 1* 20-pin HDMI header (Max. Resolution: 1920*1200@60Hz) ■ 1* 24-bit Dual Channel LVDS header (Max. Resolution: 1920*1200@60Hz) ■ 1* GPIO header ■ 1* Mini PCI-e connector ■ 1* M.2 Connector (2242/2260) ■ 1* SATA Connector ■ 1* Speaker header (Amplifier function 3W) ■ 1* Front panel header ■ 1* SIM Card socket
■ BIOS	<ul style="list-style-type: none"> ■ AMI 64MB SPI ROM
■ Temperature	<ul style="list-style-type: none"> ■ Operating: 0°C ~ 60°C ■ Storage: -20°C ~ 85°C
■ Form Factor	<ul style="list-style-type: none"> ■ Thin mini ITX Form Factor(170mm X 170mm)
■ Standard Accessory	<ul style="list-style-type: none"> ■ G01-SATA-BK-B-2F: 1* SATA Cable ■ G01-XH4-SA15A-30F: 1* SATA Power cord ■ G01-COM-H2M22-1F: 4* COM Cable ■ F04-MB-054-F: I/O Shield ■ F04-MB-061-F: I/O Shield