

2017

Mainboard

Product Launch Guide

--[**IMB-1900-2L**]

NC Series Motherboard

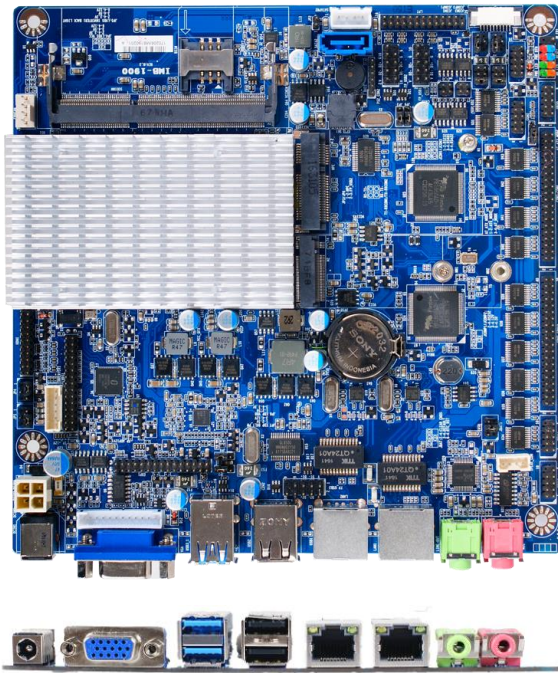


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1. Intel® Celeron™ J1900 (2.0 GHz) quad-core processor
2. Support DirectX 11 3D Graphics Acceleration
3. Support DDR3L 1333
4. Integrated HD Audio CODEC
5. Support 2*PCI Express Gigabit LAN
6. Support Power Onboard(12V)
7. Onboard 1*MiniPCI-E connector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

Mainboard 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"> ■ ALC662 Audio CODEC ■ HD Audio CODEC
■ Ethernet LAN	<ul style="list-style-type: none"> ■ REALTEK® RTL8111G 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

	<ul style="list-style-type: none"> ■ Support Amplifier function(3W) ■ 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
■ 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 ■ 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 ■ 1* 20-pin HDMI header ■ 1* 24-bit Dual Channel LVDS header ■ 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)