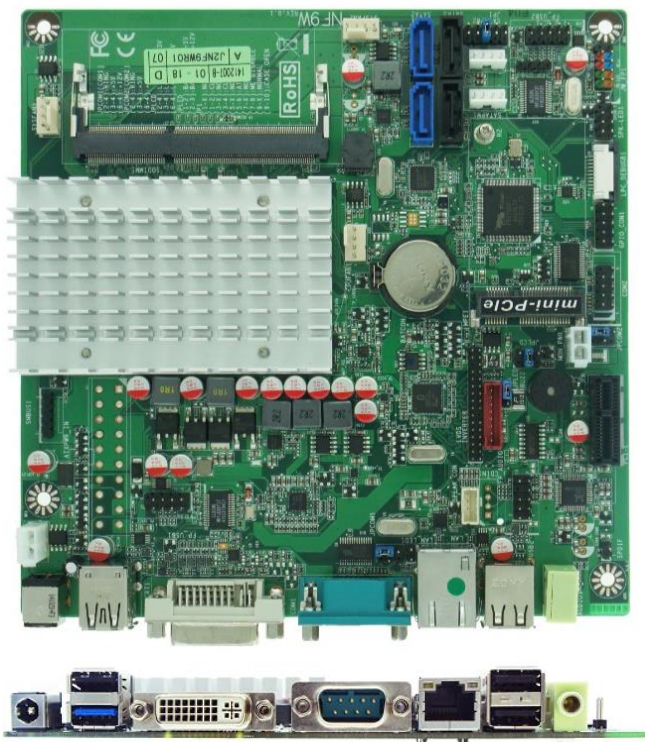
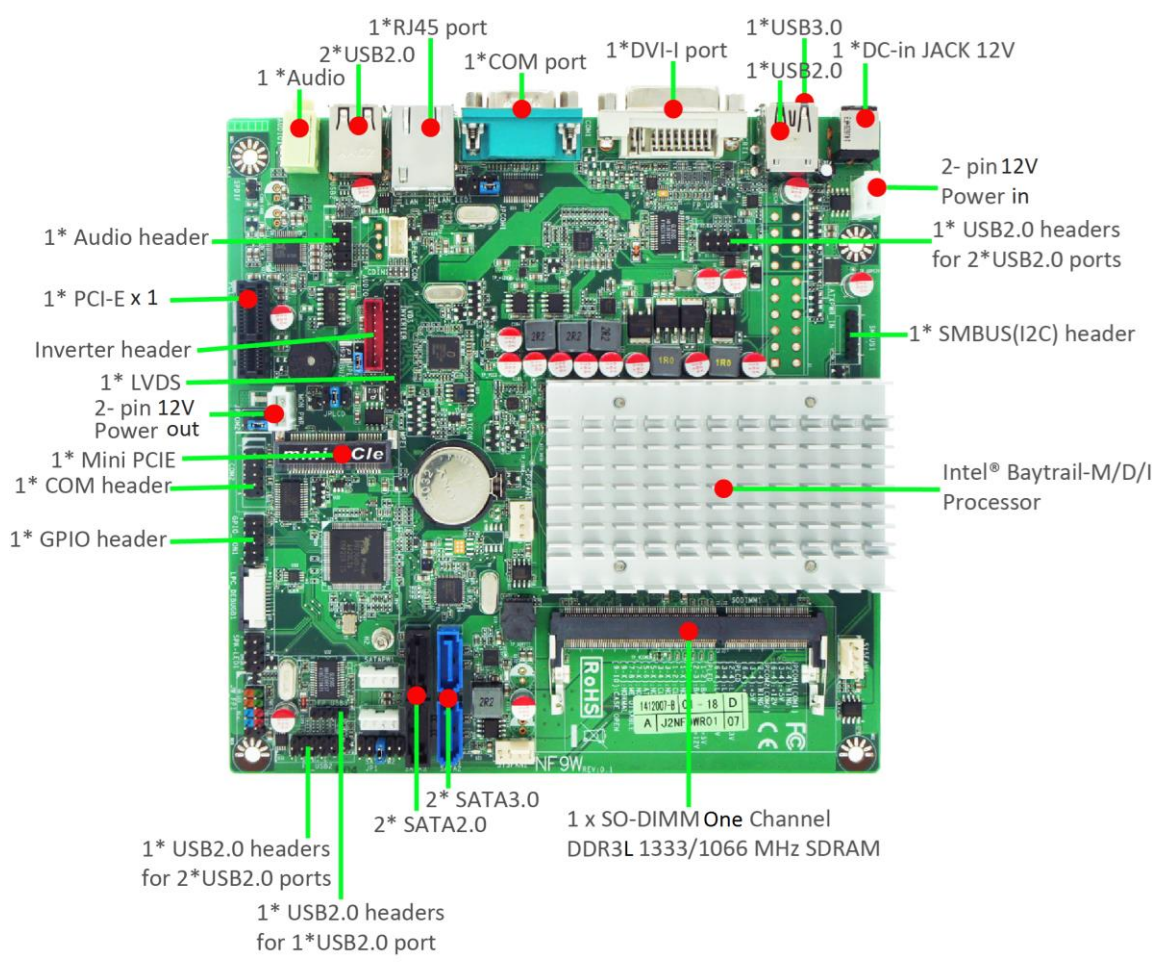


# Slim Mini-ITX Motherboard NF9W Series



1. Intel® Bay Trail-D/M/I Processor
2. Supports 1 \* DDR3L 1333/1066MHz Single/Dual CH up to 4GB/8GB
3. 2 \* Serial ATAIII (6Gb/s) + 2 \* Serial ATAI (3Gb/s) Devices
4. Gigabit LAN: 1 \* Realtek LAN
5. 1 \* Mini-PCIe, 1 \* PCIe x1 slot
6. 1 \* External COM (support RS232/422/485) , 1 \* Internal COM
7. 1 \* USB 3.0, 8 \* USB 2.0
8. 1 \* DVI-I, 1 \* 24-bit Dual Channel LVDS
9. +12V DC-in jack
10. Support CPU Over-Temperature protection
11. Support CPU Over-Current/Under Voltage protection
12. Support DRAM Over-Current/Under Voltage protection
13. Support CPU Smart Fan & DC Fan
14. Slim Mini ITX factor (170mm \* 170mm) within 20mm height



## Product Specifications

### Form Factor

Dimensions	- Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) within 20mm height
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### Processor System

CPU	- Intel® Bay Trail-D/M/I Processor (default N2930 Celeron Processor)
Core Number	- N2930: 4
Max Speed	- N2930: 2.16GHz
L2 Cache	- N2930: 2MB
Chipset	- SoC
BIOS	- AMI 64Mb Flash ROM

### Expansion Slot

Mini-PCIe	- 1 (full size)
PCIe	- 1 (x1)

### Memory

Technology	- Single/Dual Channel DDR3L 1333/1066 MHz SDRAM
Max.	- 4GB/8GB
Socket	- 1 * SO-DIMM

### Graphics

Controller	- Intel® HD Graphics
VRAM	- Shared Memory
LVDS	- 1 (24-bit Dual CH, Max. Resolution 1920 * 1200@60Hz)
DVI-I	- 1 (Max. Resolution: 1920 * 1080@60Hz)
MultiDisplay	- Yes (Dual Display)

### Ethernet

Ethernet	- 10/100/1000 Mbps
Controller	- Realtek RTL8111G GbE
Connector	- 1 * RJ45

### SATA

Max Data Transfer Rate	- 2 * SATAIII (6.0Gb/s) & 2 * SATAII (3.0Gb/s)
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### Rear I/O

DVI-I	- 1
Ethernet	- 1
USB	- 4 (1 * USB 3.0, 3 * USB 2.0)
Audio	- 1 (Line-out)
Serial	- 1 (RS232/422/485)
DC-input	- 1

### Internal Connector

USB	- 5
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LVDS / inverter	- 1/1
Serial	- 1 (RS232 with 5V/12V selectable header)
SATA	- 2 * SATAIII (6Gb/s) + 2 * SATAII (3.0Gb/s)
mPCIe	- 1
GPIO 8-bit	- 4in / 4 out
Chassis intrusion	- 1 (via 2-pin header)
Audio Header	- 1 * FP_AUDIO (1 *2CH Line Out ,1 * MIC ,1 * 2CH Audio)
SMBUS(I2C)	- 1
<b>Watchdog Timer</b>	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
<b>Power Requirements</b>	
Input PWR	- +12V DC-in jack
Power On	AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: -20°C ~ 60°C - Storage: -40°C ~ 70°C - Humidity: 10% ~ 90% RH @40°C (non-condensing)

\*For further information please visit the website at <http://www.jetway.com.tw>

\*The Specification may be changed without further notice.

<b>Product Accessories</b>			
<b>Parts</b>	<b>SATA Power cable</b>	<b>COM cable</b>	<b>DVI to VGA converter</b>
<b>P/N</b>	G01-PW4PS-2S-323F	G01-COM9-30A-1F	G01-DVI-VGA-W-F
<b>Parts</b>	<b>I/O Shield</b>	<b>SATA cable</b>	
<b>P/N</b>	F04-MB-024-F F04-MB-025-F	G01-SATA-BK-B-2F	