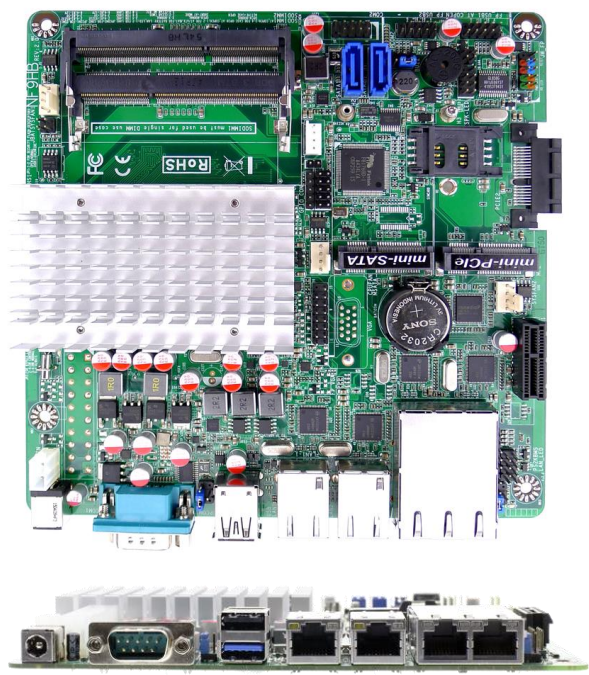
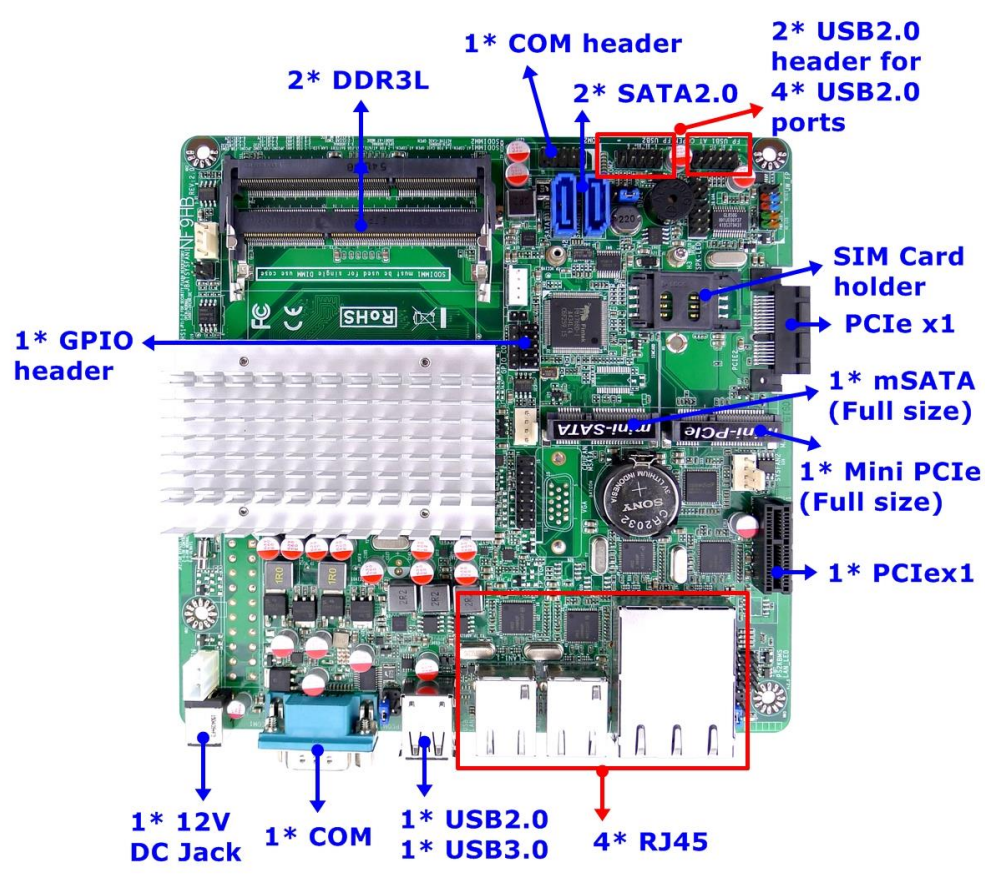
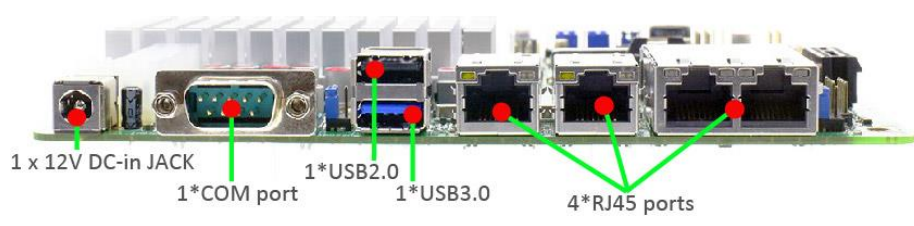


Mini-ITX Motherboard NF9HB-2930



1. Intel® Bay Trail N2930 SoC Processor
2. Supports 2 * DDR3L 1333/1066MHz Dual CH up to 8GB
3. Support 2 * Serial ATAPI (3Gb/s) Devices
4. 4 * Intel GbE with 1 pair LAN Bypass
5. SIM card holder
6. 1 * Mini PCIe, 1 * mSATA, 1 * PCIe x1
7. 1 * External COM (RS232), 1 * Internal COM (RS232)
8. 1 * USB 3.0, 5 * USB 2.0
9. TPM by option
10. Slim Mini-ITX Form Factor (170mm * 170mm)



Product Specifications	
Form Factor	
Dimensions	- Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	
CPU	- Intel® Bay Trail N2930 SoC Processor
Core Number	- 4
Max Speed	- 2.16GHz
L2 Cache	- 2MB
Chipset	- SoC
BIOS	- AMI 64Mb Flash ROM
Expansion Slot	
Mini-PCIe	- 1 (full size)
mSATA	- 1 share with SATA2 (full size)
PCIe	- 1 (x1, vertical or at side option)
SIM	- 1
Memory	
Technology	- Dual Channel DDR3L 1333/1066MHz SDRAM
Max.	- 8GB
Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1 (Internal, Max. Resolution: 1920x1080@60Hz)
LVDS	- 0
HDMI	- 0
MultiDisplay	- No
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- Intel i210AT GbE
Connector	- 4 * RJ45 (1 pair support LAN Bypass)
SATA	
Max Data Transfer Rate	- 2 * SATAII (3.0Gb/s) (1 share with mSATA)
Rear I/O	
VGA	- 0
HDMI	- 0
Ethernet	- 4
USB	- 2 (1 * USB 3.0, 1 * USB 2.0)
Audio	- 0

Serial	- 1 * RS232
PS2	- 0
DC-input	- 1
Internal Connector	
USB	- 4 (4 * USB 2.0)
VGA	- 1
LVDS / inverter	- 0
Serial	- 1 (1 * RS-232 with 5V/12V selectable header)
SATA	- 2
mPCIe	- 1
mSATA	- 1
Chassis intrusion	- 1
PS/2	- 1
Audio Header	- 0
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- +12V DC-in (2-pin PWR Con)
Power On	AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	- Operating: 0°C – 60°C
	- Storage: -20°C – 85°C
Warranty	
Warranty	- 2 Years Limited Warranty

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

*The Specification may be changed without further notice.

Standard Accessories

Part Number	Description
	JNF9HB-2930 M/B
G01-SATA-BK-B-2F	2* SATA cable
G01-PW4PS-2S-323F	1* SATA Power cable
G01-COM9-30A-1F	1* COM cable
G01-VGA+MAG30-3F	1* VGA cable
F04-MB-031-F F04-MB-032-F	I/O Shield