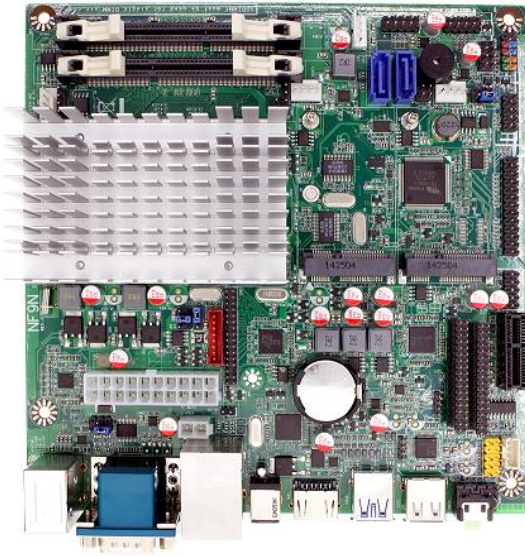
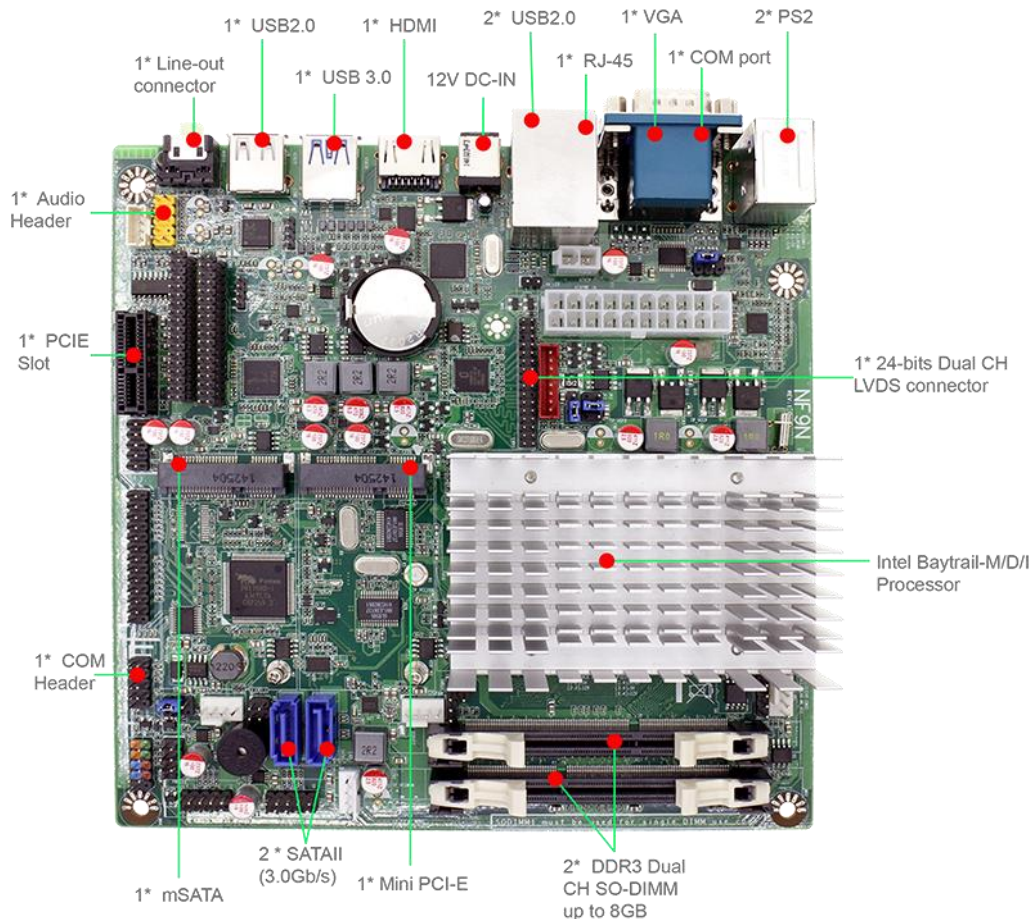
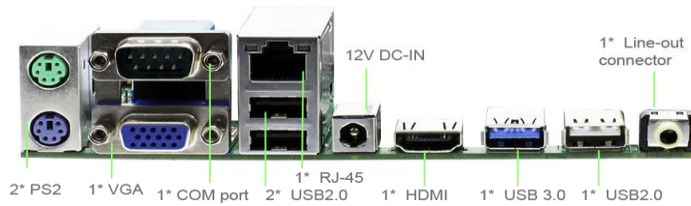


# Mini-ITX Motherboard

# NF9N-2930



1. Intel® Bay Trail N2930 SoC Processor
2. Supports 2 \* DDR3L 1333MHz Dual CH up to 8GB
3. Support 2 \* Serial ATAII (3Gb/s) Devices
4. 1 \* Intel i211AT GbE
5. 1 \* Mini-PCIe, 1 \* PCIe x1 slot, 1 \* mSATA
6. 1 \* External COM (RS232), 1 \* Internal COM (RS232)
7. 1 \* USB 3.0, 7 \* USB 2.0
8. 1 \* VGA, 1 \* HDMI, 1 \* LVDS
9. +12V DC-in jack



<b>Product Specifications</b>	
<b>Form Factor</b>	
Dimensions	- Mini-ITX (170 * 170mm)
<b>Processor System</b>	
CPU	- Intel Bay Trail N2930 SoC Processor
Core Number	- 4
Max Speed	- 2.16GHz
L2 Cache	- 2MB
Chipset	- SoC
BIOS	- AMI 64Mb Flash ROM
<b>Expansion Slot</b>	
PCI	- 0
Mini-PCIe	- 1
mSATA	- 1 (share with SATA2)
PCIe	- 1 (x1)
CFast Card Socket	- 0
CF Card Socket	- 0
<b>Memory</b>	
Technology	- Dual Channel DDR3L 1333MHz SDRAM
Max.	- 8GB
Socket	- 2 * SO-DIMM
<b>Graphics</b>	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1 (Max. Resolution: 1920 * 1200@60Hz)
LVDS	- 1 (24-bit Dual CH, Max. Resolution: 1920 * 1200@60Hz)
HDMI	- 1 (Max. Resolution: 1920 * 1200@60Hz)
DVI	- 0
DisplayPort	- 0
MultiDisplay	- Dual Displays
<b>Ethernet</b>	
Ethernet	- 10/100/1000 Mbps
Controller	- Intel i211AT GbE
Connector	- 1 * RJ45
<b>SATA</b>	
Max Data Transfer Rate	- 2 * SATAII (3.0Gb/s)
<b>Rear I/O</b>	
VGA	- 1

DVI	- 0
HDMI	- 1
DisplayPort	- 0
Ethernet	- 1
USB	- 4 (3 * USB 2.0 + 1 * USB 3.0)
Audio	- 1 (Line-out)
Serial	- 1 (RS232)
eSATA	- 0
PS/2	- 1
DC-input	- 1
<b>Internal Connector</b>	
USB	- 4 (4 * USB 2.0)
PS/2	- 0
LVDS / inverter	- 1
VGA	- 0
Serial (COM)	- 1
SATA	- 2 * SATAII (3.0Gb/s)
mPCIe	- 1
Parallel	- 1
mSATA	- 1 (share with SATA2)
CIR	- 0
GPIO	- 4in / 4 out
Chassis intrusion	- 1
Audio Header	- 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: 0°C – 60°C - Storage: -20°C – 85°C

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

\*The Specification may be changed without further notice.

## Accessories

Part Number	Description
	JNF9N-2930 M/B
G01-SATA-BK-B-2F	SATA cable
G01-PW4PS-2S-323F	SATA Power cable
G01-COM9-30A-1F	COM cable
F04-MB-029-F	I/O Shield