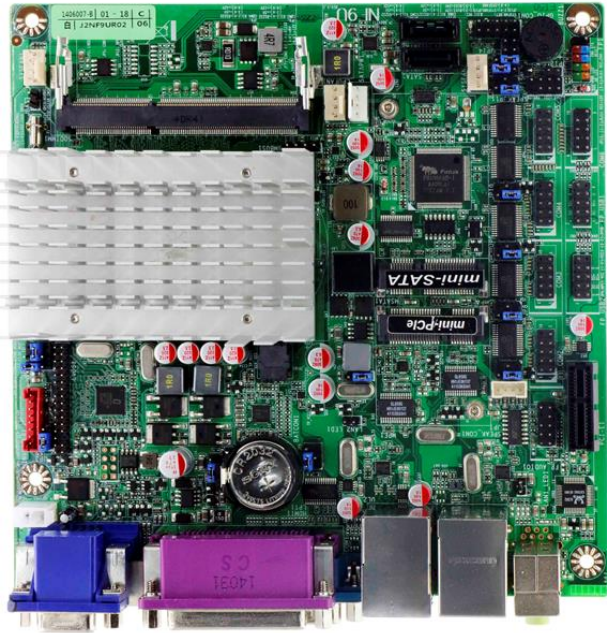
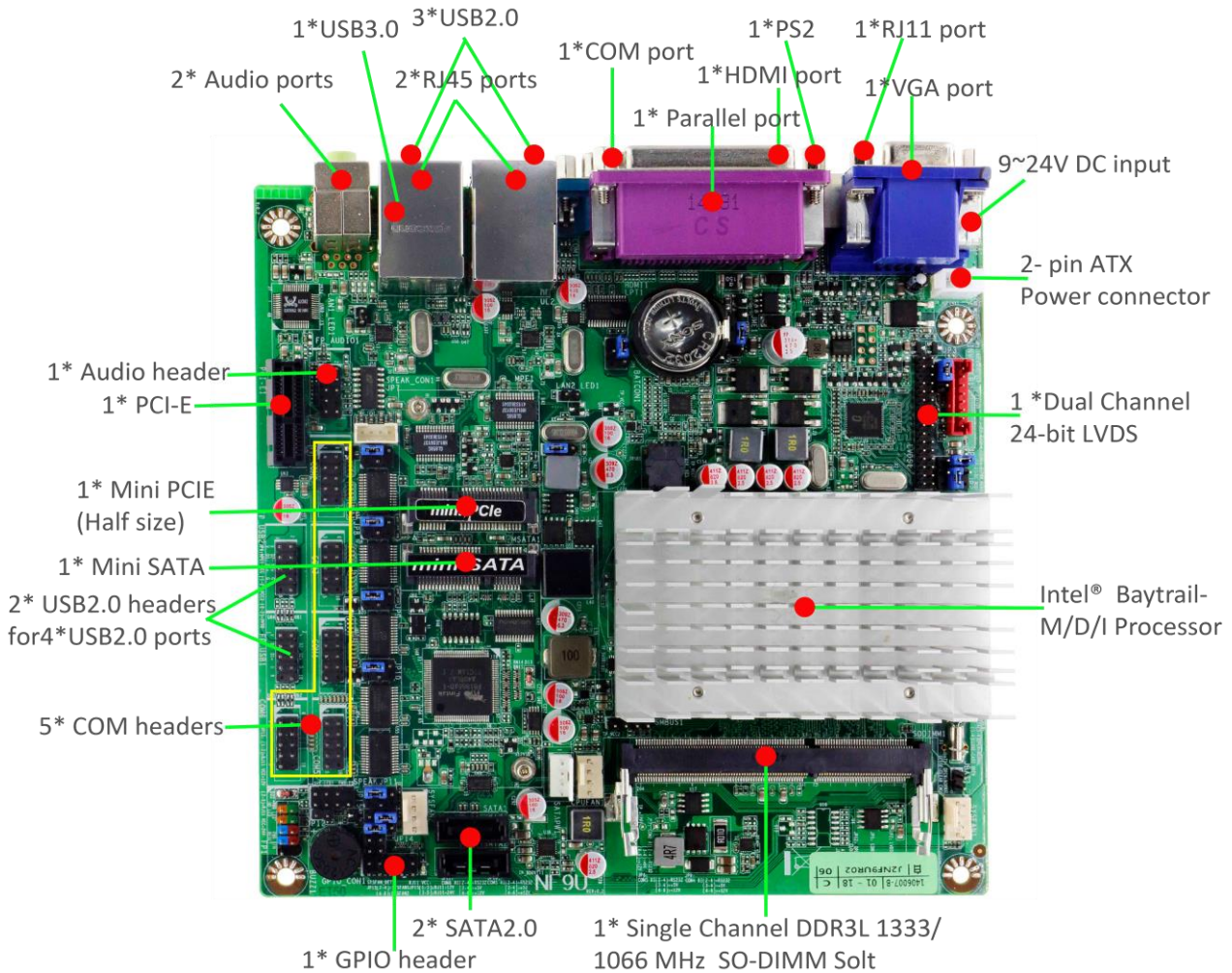
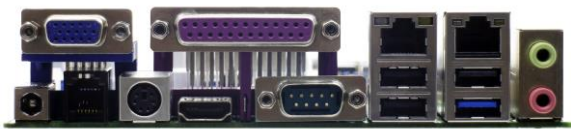


**Mini-ITX Motherboard NF9U-2930**



1. Intel® Bay Trail N2930 SoC Processor
2. Supports 1 \* DDR3L 1333MHz Dual CH up to 8GB
3. Support 2 \* Serial ATAII (3Gb/s) Devices
4. 2 \* Realtek GbE
5. 1 \* Mini-PCIe, 1 \* PCIe x1 slot
6. 1 \* External COM (RS232/422/485), 5 \* Internal COM (RS232)
7. 1 \* USB 3.0, 7 \* USB 2.0
8. 1 \* VGA, 1 \* HDMI, 1 \* 24-bit Dual CHLVDS
9. +9~24V Wide Range DC-in jack
10. 1 \* RJ11 port, 1 \* parallel port



<b>Product Specifications</b>	
<b>Form Factor</b>	
Dimensions	- Mini-ITX (6.7-in * 6.7-in, 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>	
Mini-PCIe	- 1 (half size)
mSATA	- 1 (full size)
PCIe	- 1
<b>Memory</b>	
Technology	- 1 * Dual Channel DDR3L 1333MHz SDRAM
Max.	- 8GB
Socket	- 1 * SO-DIMM
<b>Graphics</b>	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1 (Support Max. resolution 1920 * 1200@60Hz)
LVDS	- 1 (24-bits Dual channel, resolution 1920 * 1200@60Hz)
HDMI	- 1 (resolution 1920 * 1200@60Hz)
MultiDisplay	- Dual Displays
<b>Ethernet</b>	
Ethernet	- 10/100/1000 Mbps
Controller	- Realtek RTL8111G GbE
Connector	- 2 * RJ45
<b>SATA</b>	
Max Data Transfer Rate	- 2 * SATAII (3.0Gb/s)
<b>Rear I/O</b>	
VGA	- 1
HDMI	- 1
Ethernet	- 2
RJ11	- 1
USB	- 4 (3 * USB 2.0 + 1 * USB 3.0)
Audio	- 2 (MIC/Line-out)

Serial	- 1 (RS232/422/485 with 5V/12V selectable header)
Parallel	- 1
PS/2	- 1
DC-input	- 1
<b>Internal Connector</b>	
USB	- 4
LVDS / inverter	- 1
Serial	- 5 (5 * RS-232 with 5V/12V selectable header)
SATA	- 2 * SATAII (3.0Gb/s)
mPCIe	- 1
mSATA	- 1
GPIO	- 4 in / 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	- +9~24V 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
<b>Certifications</b>	
Certifications	- CE, FCC, RoHS, REACH
<b>Environment</b>	
Temperature	- Operating: -20°C ~ 70°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.

## Accessories

Part Number	Description
	JNF9U-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-014-F	I/O Shield