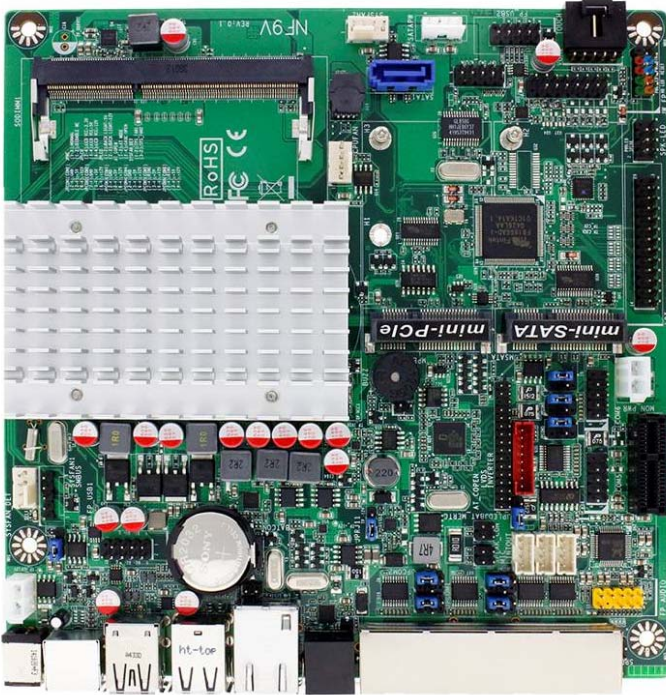
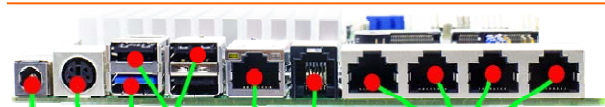


Thin Mini-ITX Motherboard

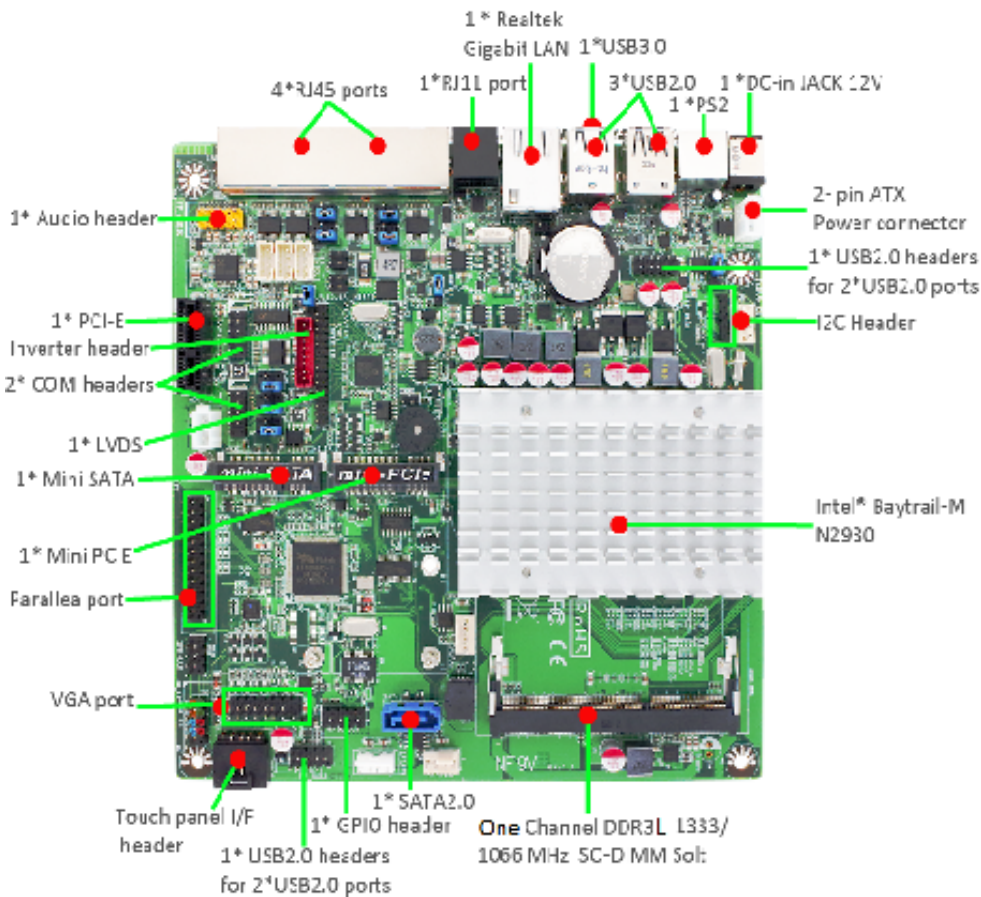
NF9VT Series



1. Intel® Bay Trail-D/M/I Processor
2. Supports 1 * DDR3L 1333/1066MHz Single/Dual CH up to 4GB/8GB
3. Support 1 * Serial ATAI (3Gb/s) Device
4. Gigabit LAN: 1 * Realtek LAN
5. 1 * Mini-PCIe, 1 * PCIe x1 slot
6. 4 * RJ45 ports for External COM ports, 2 * Internal COM
7. 1 * USB 3.0, 7 * USB 2.0
8. 1 * VGA, 1 * 24-bit Dual Channel LVDS
9. +12V DC-in jack
10. Touch Panel Control IC integrated on board
11. Amplifier implement to support 3W Speaker
12. Support CPU Over-Temperature protection
13. Support CPU Over-Current/Under Voltage protection
14. Support DRAM Over-Current/Under Voltage protection
15. Support CPU Smart Fan & DC Fan
16. Thin Mini ITX factor (170mm * 170mm) within 20mm height



- 1 * DC-in JACK 12V
- 1 * PS2
- 1 * USB3.0
- 3 * USB2.0
- 1 * Realtek Gigabit LAN
- 1 * RJ11 port
- 4 * RJ45 ports








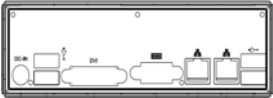
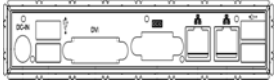
- 1 * Realtek Gigabit LAN
- 1 * USB3.0
- 3 * USB2.0
- 1 * DC-in JACK 12V
- 1 * PS2
- 4 * RJ45 ports
- 1 * RJ11 port
- 2-pin ATX Power connector
- 1 * USB2.0 headers for 2 * USB2.0 ports
- I2C Header
- 1 * Realtek Gigabit LAN
- 1 * USB3.0
- 3 * USB2.0
- 1 * DC-in JACK 12V
- 1 * PS2
- 1 * PCI-E
- Inverter header
- 2 * COM headers
- 1 * LVDS
- 1 * Mini SATA
- 1 * Mini PCIe
- Parallela port
- VGA port
- Intel® Baytrail-M N2930
- 1 * SATA2.0
- One Channel DDR3L 1333/1066 MHz 5C-D MM Soli
- 1 * GPIO header
- 1 * SATA2.0
- 1 * USB2.0 headers for 2 * USB2.0 ports
- Touch panel I/F header
- 1 * USB2.0 headers for 2 * USB2.0 ports

Product Specifications	
Form Factor	
Dimensions	- Thin Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) within 20mm height
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	
PCI	- 0
Mini-PCIe	- 1 (full size)
mSATA	- 1 (full size)
PCIe	- 1 (x1)
CFast Card Socket	- 0
CF Card Socket	- 0
Memory	
Technology	- Single/Dual Channel DDR3L 1333/1066 MHz SDRAM
Max.	- 4/8GB
Socket	- 1 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1(Internal)
LVDS	- 1 (Dual Channel 24-bit, Max. resolution 1920 * 1200@60Hz)
HDMI	- 0
DVI-I	- 0
DisplayPort	- 0
MultiDisplay	- Yes (Dual Display)
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- GbE LAN: Realtek RTL8111G
Connector	- 1 * RJ 45
SATA	
Max Data Transfer Rate	- 1 * SATAII (3.0Gb/s)
Rear I/O	
VGA	- 0

DVI-I	- 0
HDMI	- 0
DisplayPort	- 0
Ethernet	- 1
USB	- 4 (1 * USB 3.0, 3 * USB 2.0)
Audio	- 0
Serial	- 4 (4 * RJ45)
RJ11	- 1
eSATA	- 0
PS2	- 1
DC-input	- 1
Internal Connector	
USB	- 4 (4 * USB 2.0 via 10pin header)
PS2	- 0
LVDS / inverter	- 1/1
VGA	- 1
Serial	- 2 (2 * RS-232 with 5V/12V selectable header, 1 * RS232/422/485)
SATA	- 1 * SATAII (3.0Gb/s)
mPCIe	- 1 (full size)
Parallel	- 1
mSATA	- 1 (full size)
CIR	- 0
GPIO 8-bit	- 4in / 4 out
Chassis intrusion	- 1 (via 2pin header)
Audio Header	- 1 * FP_AUDIO (1 * 2CH Line Out ,1 * MIC ,1 * 2CH Audio w/3W Amp)
SMBUS(I2C)	- 1
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 jack
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

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

*The Specification may be changed without further notice.

Product Accessories				
Parts	Manual	CD Driver	SATA cable	SATA Power cable
P/N	G03-NF9V-F	G02-DVD20-A7-WF	G01-SATA-BK-B-2F	G01-PW4PS-2S-32F
Q'ty	1	1	1	1
Picture				
Parts	VGA cable	I/O Shield	I/O Shield	
P/N	G01-VGA+MAG30-F	F04-MB-033-F	F04-MB-034-F	
Q'ty	1	1	1	
Picture				

Product Application				
V	Panel PC (工業平板電腦)		Medical (醫療)	POE/Surveillance (安防監控)
	Commercial (商業應用)	V	POS/KIOSK (零售系統)	Power (電力系統)
	Banking (銀行金控)	V	Industrial Automation (工業自動化)	Mobile (移動系統)
	Military (軍方應用)		Transportation (交通)	Storage(Nas) (存儲系統)
	Digital Signage (數字標牌)		Telecom (通訊)	I.O.T(物聯網)
	Gaming (博奕)		Networking (網絡應用)	V AIO(一體機)