


## Specification

Jetway NF9HG Mini-ITX Motherboard	
<b>Processor</b>	Intel® Celeron N2930 SoC, 1.83GHz – 2.16GHz Burst, Quad-Core, 7.5W TDP/4.5W SDP
<b>Memory</b>	2 x 204-pin DDR3L-1333 SO-DIMM up to 8GB (1.35V required)
<b>Graphics</b>	Intel HD Graphics, 313MHz - 854MHz
<b>Audio</b>	NA
<b>LAN</b>	4 x Intel i211AT Gigabit Ethernet
<b>Storage</b>	2 x SATA2 3Gb/s Connector 1 x mSATA (Full size)
<b>Super IO</b>	FINTEK F81768D-I
<b>Back Panel Connectors</b>	
1 12V DC-In jack 1 Serial port (RS232/422/485) 1 USB 3.0 1 USB 2.0 4 RJ45 LAN (10/100/1000)	
	
<b>Onboard I/O Connectors</b>	
2 PCI Express x1 Slot 1 Full size mSATA Slot 1 Full size mini PCI-E Slot 2 SATA2 3Gb/s Connectors 2 USB Pin Headers for up to 4 additional USB 2.0 Ports 1 Serial Port Header 1 SIM Card Holder 1 AT/ATX power switch mode select jumper 1 Chassis Intrusion Header 1 VGA Header 1 5-pin SMBUS(I2C) Header 1 8-bit GPIO Header 4 2-pin LAN LED Header 1 9-pin Front Panel Header 1 7-pin PS2 Keyboard Mouse Header 3 4-pin Fan Headers 1 2-pin +12V Alternate Power Connector (Molex 5566-2)	
<b>Power Supply for NF9HG</b>	
<b>External Power Supply</b> – the board can be powered with a 12V external power supply through a DC connector on the back panel. The rear 12V DC jack accepts plugs with an inner diameter (ID) of 2.5 mm and an outer diameter (OD) of 5.5 mm, where the inner contact is 12V and the shell is GND.	
<b>Internal Power Supply</b> – the board can alternatively be powered via the internal 12V DC 1 x 2 power connector, where pin 1 is GND and pin 2 is +12 (±10%) VDC. The internal 1 x 2 power connector is a Molex 5566-2 header which accepts a Molex 5557-02R connector from the power supply.	
Caution: There is no isolation circuitry between the external 12V DC jack and the internal 1 x 2 power connector. It is the system integrator's responsibility to ensure no more than one power supply unit is or can be attached to the board at any time and to ensure the external 12V DC jack is covered if the internal 1 x 2 power connector is to be used.	
<b>Market Segments Supported</b>	
√ Networking/Network Appliances √ Industrial Automation/Control √ Thin Client	
<b>Environment</b>	
Operating Temperature : 0 ~ 60°C Storage Temperature : -20 ~ 85°C	