



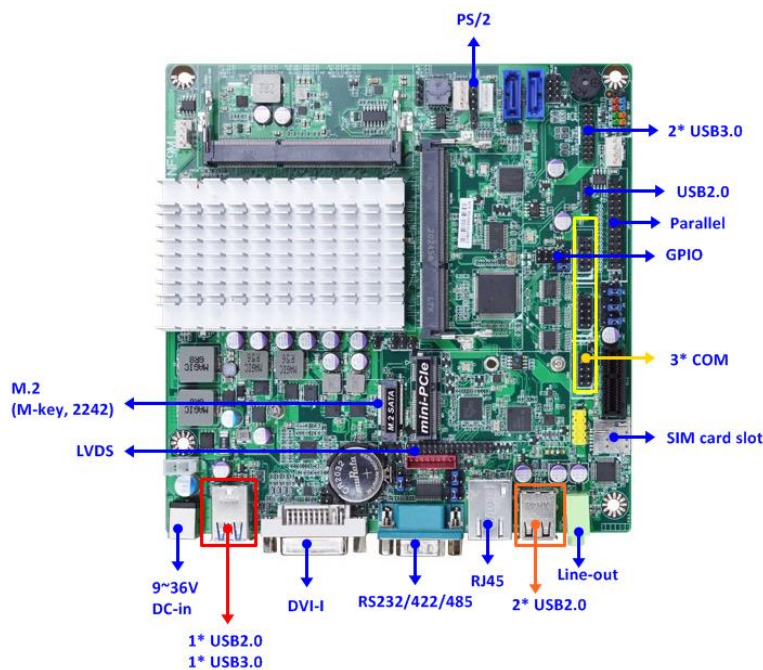
# JNF9MI-2930

Intel® Bay Trail N2930 Quad Core SoC Processor, support Wide Voltage 9~36V DC-in, Integrated C-Media HS-100B USB Audio Chip

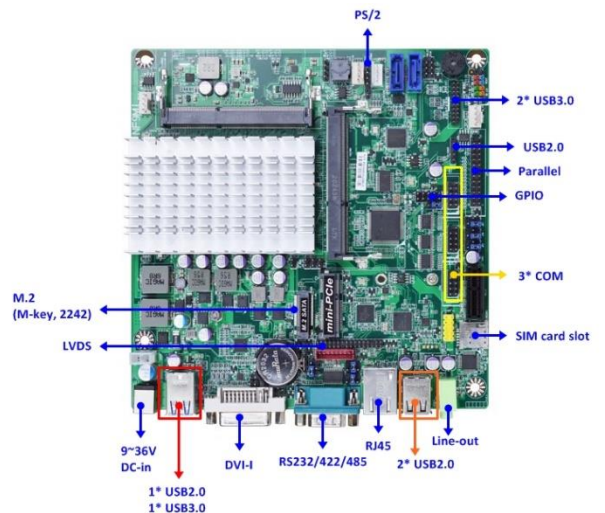
1. Intel® Bay Trail N2930 SoC Processor
2. 2\* DDR3L 1333/1066MHz Dual CH up to 8GB
3. 2\* SATAII (3Gb/s, one share w/M.2 M-key)
4. 1\* Intel i211AT GbE
5. 1\* full Size Mini PCIe (W/SIM card holder), 1\* PCIe x1 slot
6. 1\* External COM (RS232/422/485), 3\* Internal COM (RS232), 3\* USB 3.0, 4\* USB 2.0
7. 1\* DVI-I, 1\* 24-bit Dual CH LVDS
8. Integrated C-Media HS-100B USB Audio Chip
9. 9~36V DC-in
10. Slim Mini-ITX Form Factor (170mm \* 170mm)



## I/O Diagram



## Mechanical Drawings (Unit = mm)



## Specifications

<b>Model</b>	<b>Form Factor</b>
JNF9MI-2930	Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
<b>Processor System</b>	<b>Expansion Slot</b>
<ul style="list-style-type: none"><li>Intel® Bay Trail N2930 2.16GHz Quad core SoC Processor</li><li>AMI 64Mb Flash ROM BIOS</li></ul>	<ul style="list-style-type: none"><li>1* Mini PCIe (full size, W/SIM card holder)</li><li>1* PCIe1 slot</li><li>1* SIM card slot</li></ul>
<b>Memory</b>	<b>Graphics</b>
2* Channel DDR3L 1333/1066MHz SDRAM SO-DIMM up to 8GB	<ul style="list-style-type: none"><li>Intel® HD Graphics, shared memory</li><li>1* LVDS (24-bit, Dual channel, Max Resolution: 1920x1200@60Hz)</li><li>1* DVI-I (Max Resolution: 1920x1080@60Hz)</li><li>Support Dual Displays</li></ul>
<b>Ethernet</b>	<b>Audio</b>
1 * Intel i211AT GbE	C-Media HS-100B USB Audio Chip
<b>Storage</b>	<b>Rear I/O</b>
<ul style="list-style-type: none"><li>2* SATAIII (3.0Gb/s, one share w/M.2 M-key)</li><li>1* M.2 (M-key 2242, SATA interface)</li></ul>	<ul style="list-style-type: none"><li>1* DVI-I</li><li>1* RJ45</li><li>1* USB3.0</li><li>3* USB2.0</li><li>Line-out</li><li>1* RS232/422/485 (with 5V/12V selectable header)</li><li>9~36V DC-in</li></ul>
<b>Internal Connector</b>	<b>Watchdog Timer</b>
<ul style="list-style-type: none"><li>2* USB 3.0</li><li>1* USB2.0</li><li>1* PS/2</li><li>1* LVDS / Inverter</li><li>3* RS232 with 5V/12V selectable header</li><li>2* SATAII (3.0Gb/s)</li><li>1* Mini PCIe (full size, W/SIM card holder)</li><li>1* Parallel</li><li>1* M.2 (M-key, 2242, SATA interface)</li><li>1* SIM card slot</li><li>1* GPIO (4in / 4 out)</li><li>1* Chassis intrusion</li><li>1* Audio Header</li></ul>	<ul style="list-style-type: none"><li>From Super I/O to drag RESETCON#</li><li>256 segments, 0,1,2...255sec/min</li></ul>
<b>Power</b>	<b>Compliance</b>
9~36V DC-in (2-pin PWR Con), AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	CE, FCC, RoHS, REACH
<b>Temperature</b>	<b>OS Support</b>
<ul style="list-style-type: none"><li>Operating: -20°C ~ 70°C</li><li>Storage: -40°C ~ 70°C</li><li>Humidity: 10% ~ 90% RH @40°C (non-condensing)</li></ul>	Windows 7/8/10, Linux
<b>Warranty</b>	
2 Years Limited Warranty	

\* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

## Accessories

Parts Number	Description	Parts Number	Description
-----	JNF9MI M/B	G01-SATA-BK-B-2F	SATA cable
F04-MB-024-F	I/O shield	G01-PW4PS-2S-323F	SATA Power cable
F04-MB-025-F		G01-COM9-30A-1F	COM cable
		G01-DVI-VGA-W-F	DVI to VGA converter