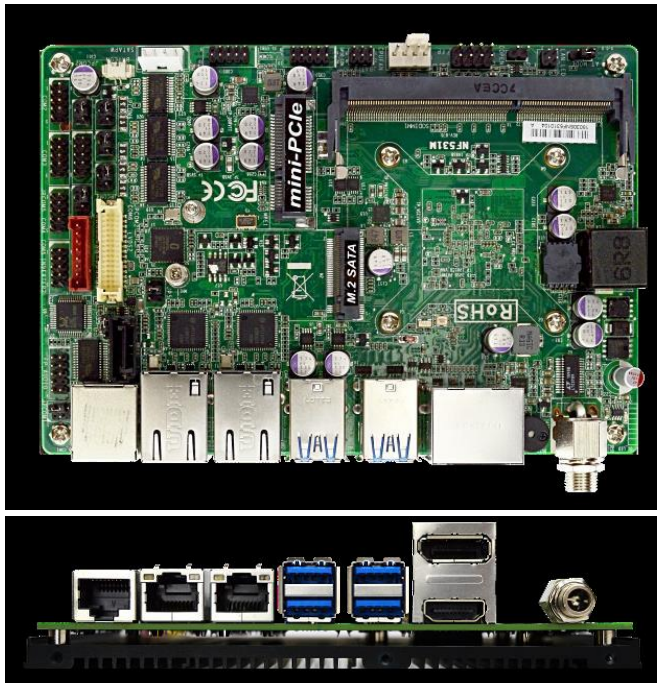


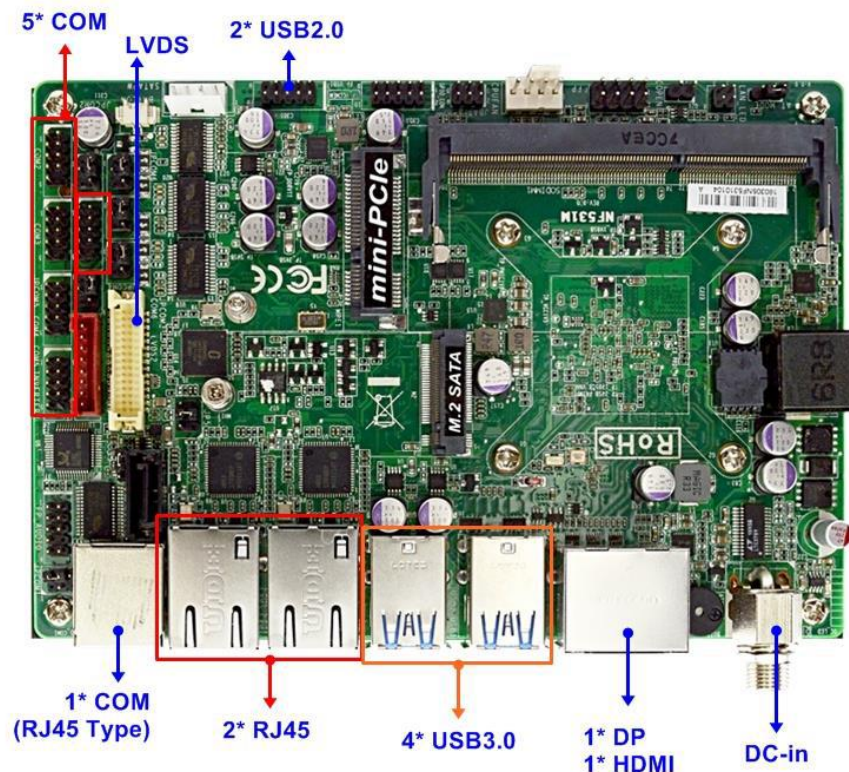
# NF531M

3.5" SBC Industrial Motherboard / 4K Ready  
Braswell / 2 Intel LAN / M.2 SATA / 9 - 36V



## Features

1. Industrial Embedded Motherboard
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Fanless Intel Celeron N3160 SoC Processor, Quad-Core, Braswell-M, 6W TDP
4. Supports SO-DIMM DDR3L-1600 up to 8GB Total
5. DisplayPort, HDMI, 24-bit LVDS
6. 2 \* Intel i211-AT Gigabit LAN Ports, HD Audio Headers
7. 1 \* SATA3 6Gb/s Ports, 1 \* M.2 SATA M-key 2242 Slot
8. 1 \* Half-size mini-PCIE Slot
9. 4 \* USB 3.0 Ports, 2 \* USB 2.0 Ports
10. 6\*Serial Ports (1\*RS232/422/485, 5\*RS232)
11. GPIO, Watchdog Timer, AT/ATX Power Switch Mode
12. 9~36V DC-in Locking jack
13. Compatible with Windows 8.1, 10, Linux
14. 3.5" SBC Form Factor (148mm x 102mm)



<b>Model / Series</b>	<ul style="list-style-type: none"> <li>NF531M</li> </ul>
<b>Part No</b>	<ul style="list-style-type: none"> <li>JNF531M-3160</li> </ul>
<b>Processor</b>	<ul style="list-style-type: none"> <li>Fanless Intel Celeron N3160 SoC Processor, Quad-Core, 1.6GHz, 2.24GHz Burst</li> <li>*Ships with passive heatsink for bench testing</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>Intel HD Graphics in processor, 320 – 640MHz</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>1 * 204-pin SO-DIMM slot supporting DDR3L-1600 up to 8GB total, 1.35V required</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>1 * Half-size Mini-PCI Express slot</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>1 * SATA3 6Gb/s port</li> <li>1 * M.2 slot (M-key, SATA interface, 2242 only)</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Realtek ALC662 HD Audio headers (line-out, Mic)</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>2 * Intel i211-AT Gigabit LAN</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>4 * USB 3.0 ports, 2 * RJ-45 LAN ports</li> <li>DisplayPort (3840x2160 @30Hz, 2560x1600 @60Hz)</li> <li>HDMI (3840x2160 @30Hz, 2560x1600 @60Hz)</li> <li>1 * Serial RJ45 port (RS232/422/485)</li> <li>+9~36V DC-in locking jack (1-pin 2.5mm ID/5.5mm OD, locking)</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>1 * USB header for 2 * USB 2.0 ports</li> <li>24bit Dual Channel LVDS &amp; Inverter, AT/ATX power switch mode</li> <li>5 * Serial port headers (4*RS232, 1*RS232/422/485)</li> <li>8-bit GPIO header, Chassis Intrusion header</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>AMI Flash ROM</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>NF531M Motherboard, SATA Cable, Power Cable, COM cable, Manual, DVD Driver Disk</li> </ul>
<b>Certification</b>	<ul style="list-style-type: none"> <li>CE, FCC, RoHS, ErP/EuP, REACH</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>3.5" SBC Form Factor (148mm x 102mm)</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>2 Years Limited Warranty</li> </ul>

\*Specifications subject to change without notice, not responsible for typographical errors.



**Jetway Computer Corporation**  
**Phone: 510-857-0130 Fax: 510-857-0138**  
**8058 Central Ave., Newark, CA 94560**  
**www.jetwaycomputer.com**

