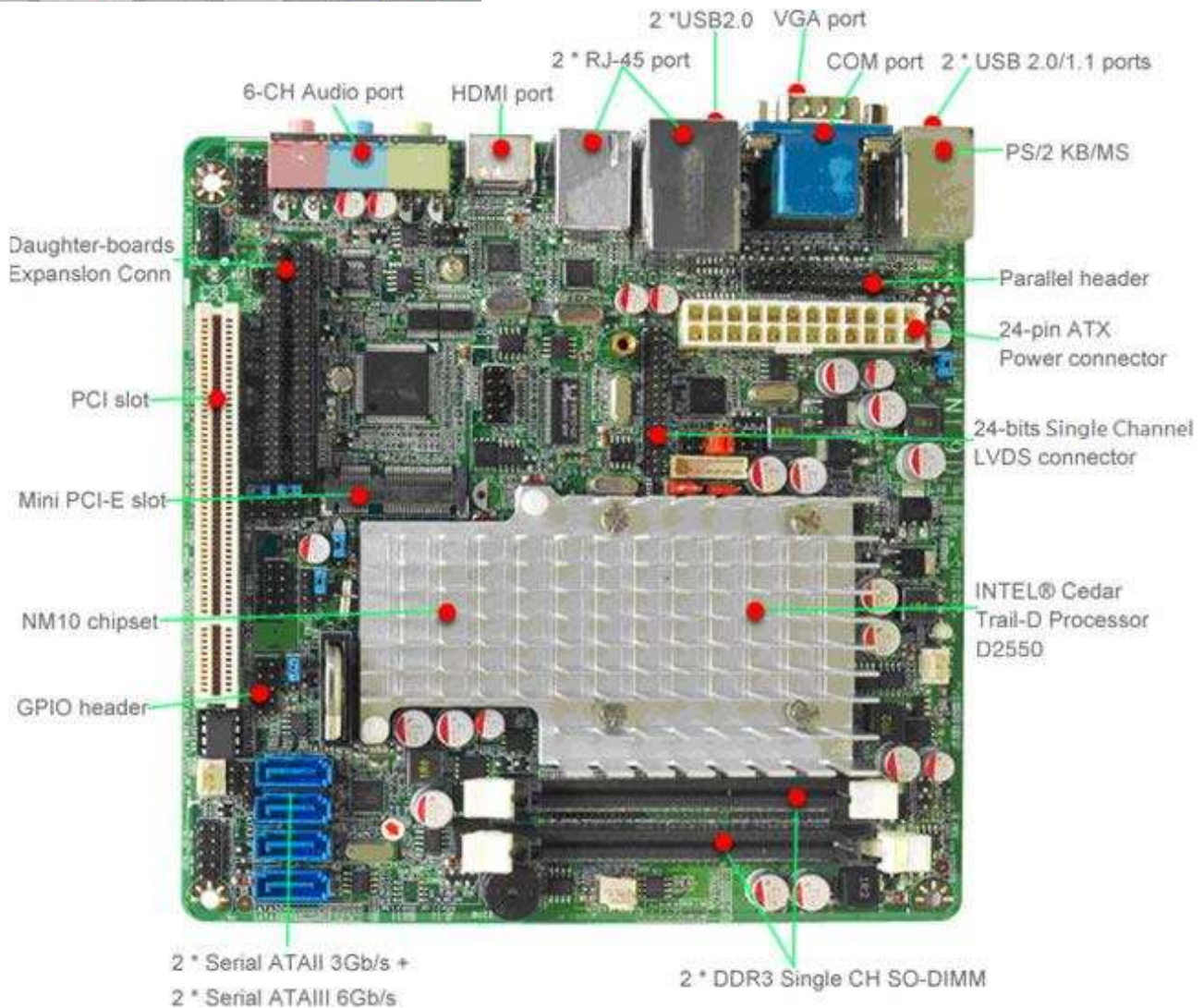


# NF9D-2550

Intel® Atom™ D2550 Mini-ITX  
HDMI / LVDS / 2Gigabit LAN / 2COM / 8USB

## Features

1. Embedded Long-life Series, 5 Year Availability
2. Next-Generation Intel Cedar Trail-D Platform
3. Intel Atom D2550 Processor, 1.86GHz, Dual-Core, 32nm, 10W
4. Integrated PowerVR SGX 545 Graphics, 640MHz, DirectX 9
5. Supports 2 \* DDR3-1066 SO-DIMM up to 4GB
6. Supports 2 \* SATA3 6Gb/s & 2 \* SATA2 3Gb/s Devices
7. Dual Gigabit LAN with Enhanced Surge Protection
8. HDMI and 18-bit Single Channel LVDS
9. 1080P HD Playback, Blu-ray 2.0, Dual Independent Displays
10. Supports Jetway Daughter Board Expansion Modules
11. Watchdog Timer 1-255 min/sec
12. Mini-ITX Form Factor (170mm x 170mm)





## NF9D-2550 Specifications

<b>CPU*</b>	<ul style="list-style-type: none"> <li>■ Intel Atom D2550 Processor, 1.86GHz, Dual-Core, 32nm, 10W</li> <li>■ Hyper-Threading Support, *Includes optional 40mm CPU Fan in box</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>■ Intel NM10 Express Chipset</li> </ul>
<b>Video</b>	<ul style="list-style-type: none"> <li>■ Integrated PowerVR SGX 545 Graphics, 640MHz, DirectX 9</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>■ 2 * 204-pin DDR3-1066 Single Channel SO-DIMM up to 4GB</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ 1 * PCI Slot, 1 * PCI Express Mini Card Slot (full-size)</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>■ 2 * SATA3 6Gb/s &amp; 2 * SATA2 3Gb/s Ports</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>■ Realtek ALC662 5.1 Channel Audio</li> </ul>
<b>Network</b>	<ul style="list-style-type: none"> <li>■ 2 * Realtek RTL8111EVL PCI-E Gigabit LAN with Enhanced Surge Protection</li> </ul>
<b>LVDS</b>	<ul style="list-style-type: none"> <li>■ 1 * 18-bit Single Channel LVDS &amp; Inverter Headers</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>■ 8 * USB 2.0 Ports Total</li> </ul>
<b>Other Features</b>	<ul style="list-style-type: none"> <li>■ Support ACPI S3, CPU Smart FAN, Watchdog Timer 1-255 min/sec</li> </ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"> <li>■ 4 * USB 2.0 Ports</li> <li>■ 1 * Serial Port (RS232)</li> <li>■ 1 * VGA Port</li> <li>■ 2 * RJ-45 Port</li> <li>■ 3 * Audio Ports ( Line-in, MIC, Line-out )</li> <li>■ 1 * HDMI Port</li> <li>■ 1 * Keyboard/Mouse Port</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>■ 2 * USB Headers for 4 * USB 2.0 Ports</li> <li>■ 3 * Fan Headers</li> <li>■ 1 * 24-pin ATX Power Connector</li> <li>■ 1 * LVDS &amp; Inverter Headers</li> <li>■ 1 * Chassis Intrusion Header, 1 * GPIO</li> <li>■ Jetway Daughter Board Expansion Connector</li> <li>■ 1 * Serial Header (RS232/422/485)</li> <li>■ 1 * Parallel Header, 1 * Audio Header</li> <li>■ Front Panel Headers</li> </ul>
<b>BIOS</b>	<ul style="list-style-type: none"> <li>■ AMI 16MB DIP Flash ROM</li> </ul>
<b>Box Contents</b>	<ul style="list-style-type: none"> <li>■ NF9D Motherboard, SATA Cables, Serial Cables, Manual, DVD Driver Disk, I/O Shield, 40mm CPU Fan</li> </ul>
<b>Compliance</b>	<ul style="list-style-type: none"> <li>■ CE, FCC, RoHS, ErP</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>■ Operating Temp 0~60° C</li> <li>■ Storage Temp -20-85° C</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>■ Mini-ITX Form Factor (170mm x 170mm)</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>■ 2 Years Limited Warranty</li> </ul>

\*This board is designed to be installed in a chassis with at least one exhaust fan.

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



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