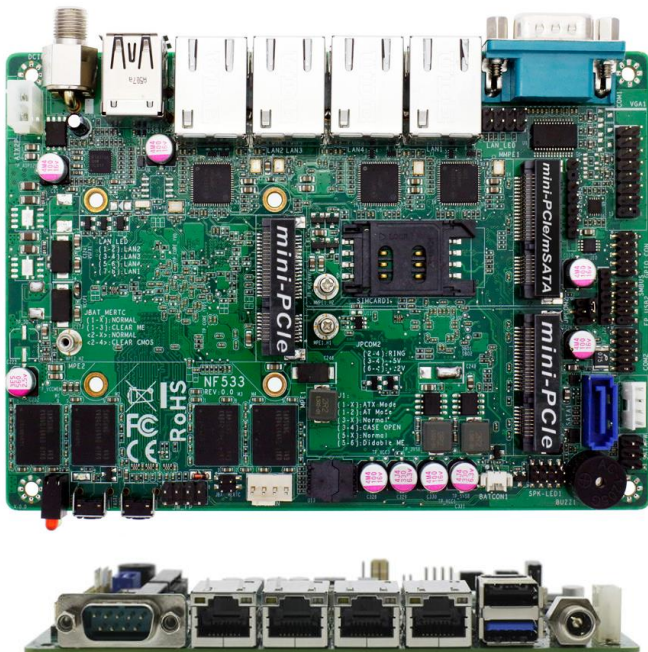


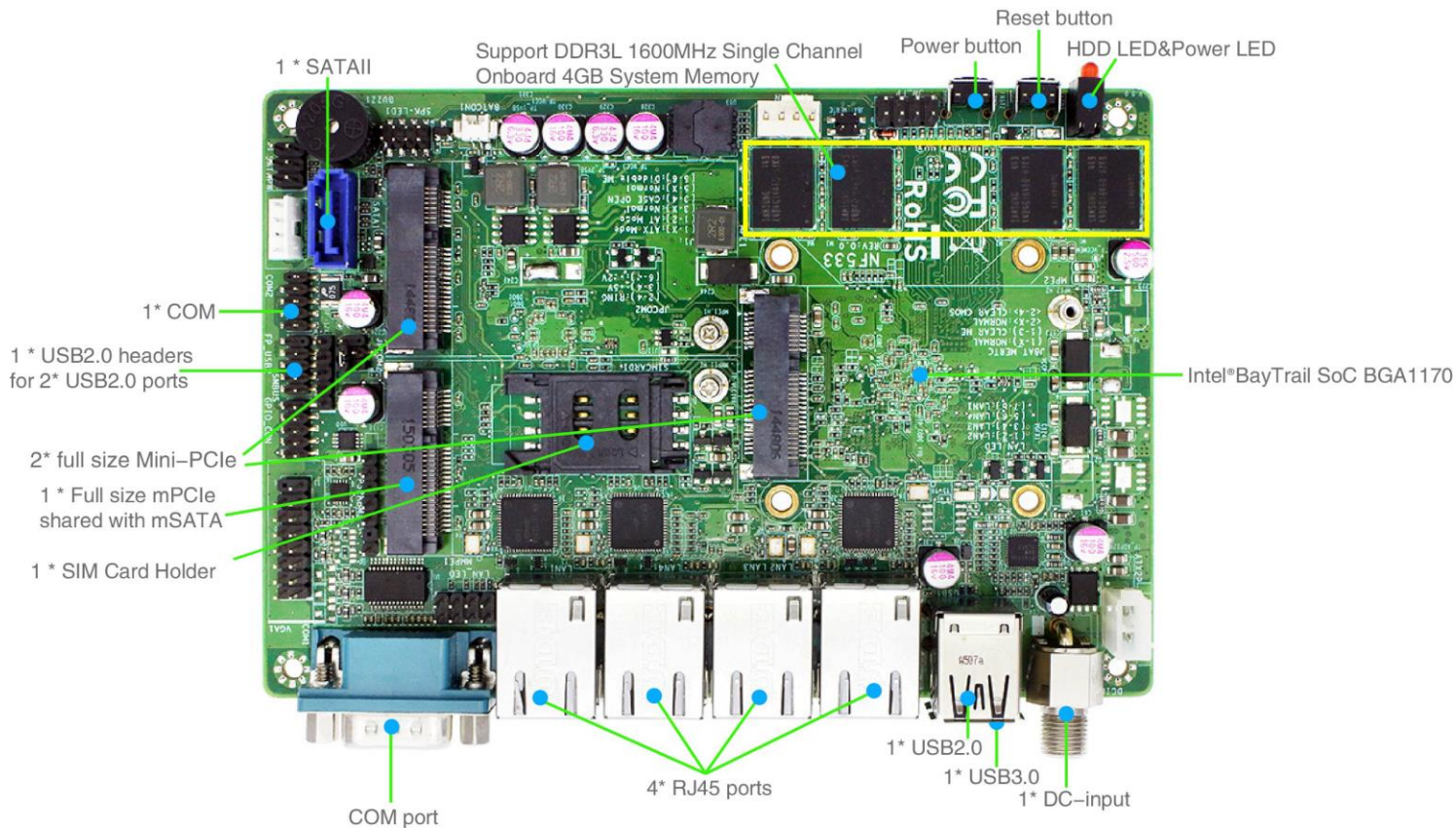
# NF533

## 3.5" SBC Industrial Motherboard for Networking 4 Intel LAN / 2 COM / 4GB DDR3L / 12V



### Features

1. Long-Life Embedded Class Industrial Motherboard
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Intel Celeron J1900 SoC, 2.0GHz, Quad-Core, 10W
4. Onboard 4GB DDR3L-1333 Memory
5. 4 \* Intel i211-AT Gigabit LAN
6. 1 \* SATA2 3Gb/s Port, 1 \* mSATA/Mini-PCIE Shared Slot
7. 2 \* Full-size Mini-PCIE Slots, 1 \* SIM Card Socket
8. 1 \* USB 3.0 Port, 3 \* USB 2.0 Ports
9. 2 \* Serial Ports, 8-bit GPIO, Watchdog Timer
10. 12V DC-In Locking Jack or 2-pin Alternative Internal Power
11. 3.5" SBC Form Factor (148mm x 102mm)



|                        |  |
|------------------------|--|
| <b>Model / Series</b>  | ■ NF533  |
| <b>Part No</b>         | ■ JNF533D4-1900  |
| <b>Processor</b>       | ■ Intel Celeron J1900 SoC, 2.0GHz - 2.42GHz burst, Quad-Core, 10W TDP  |
| <b>Chipset</b>         | ■ SoC  |
| <b>Video</b>           | ■ Intel HD Graphics, 688 – 854MHz  |
| <b>Memory</b>          | ■ Onboard 4GB DDR3L-1333, non-expandable   |
| <b>Expansion Slots</b> | ■ 2 * mini-PCI Express slot (Full-size)<br>■ 1 * SIM Card Socket   |
| <b>Storage</b>         | ■ 1 * SATA2 3Gb/s port<br>■ 1 * Shared mSATA/mini-PCI Express slot (Full-size)   |
| <b>Audio</b>           | ■ None   |
| <b>Network</b>         | ■ 4 * Intel i211-AT Gigabit LAN  |
| <b>Other Features</b>  | ■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec  |
| <b>Rear Panel I/O</b>  | ■ 1 * USB 3.0 port, 1 * USB 2.0 ports<br>■ 4 * RJ-45 ports<br>■ 1 * Serial port (RS232)<br>■ 12V DC-in locking jack  |
| <b>Front Panel I/O</b> | ■ Power Button, Reset Button, Power LED, HDD LED   |
| <b>Internal I/O</b>    | ■ 1 * USB Header for 2 * USB 2.0 ports, VGA header<br>■ SIM Card Socket, 1 * Serial port headers (RS232)<br>■ 1 * PS2 KB/MS combo header, SMBus header<br>■ 8-bit GPIO header, Chassis Intrusion Header, AT/ATX power switch mode jumper<br>■ 2-pin Alternate internal power connector |
| <b>BIOS</b>            | ■ AMI 64MB SMT Flash ROM   |
| <b>Box Contents</b>    | ■ NF533 Motherboard, Internal Power Cable, VGA Cable, Manual, DVD Driver Disk  |
| <b>Certification</b>   | ■ CE, FCC, RoHS, ErP   |
| <b>Temperature</b>     | ■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C   |
| <b>Form Factor</b>     | ■ 3.5" SBC Form Factor (148mm x 102mm)   |
| <b>Warranty</b>        | ■ 2 Years Limited Warranty   |

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



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