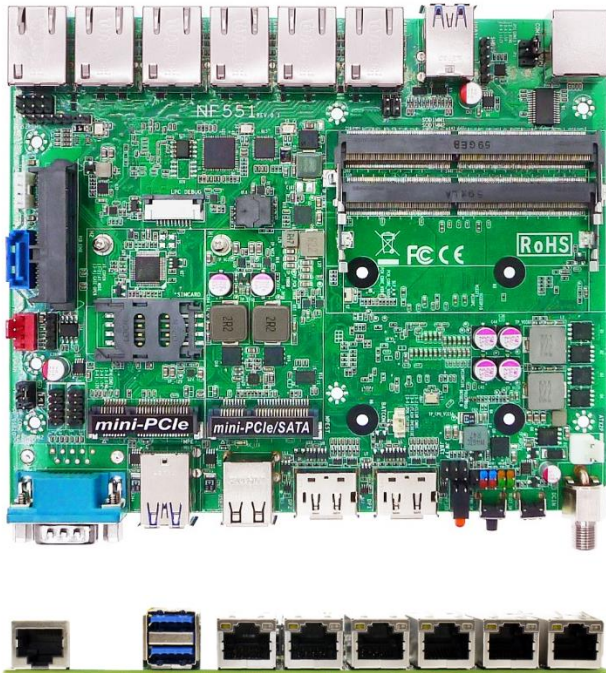


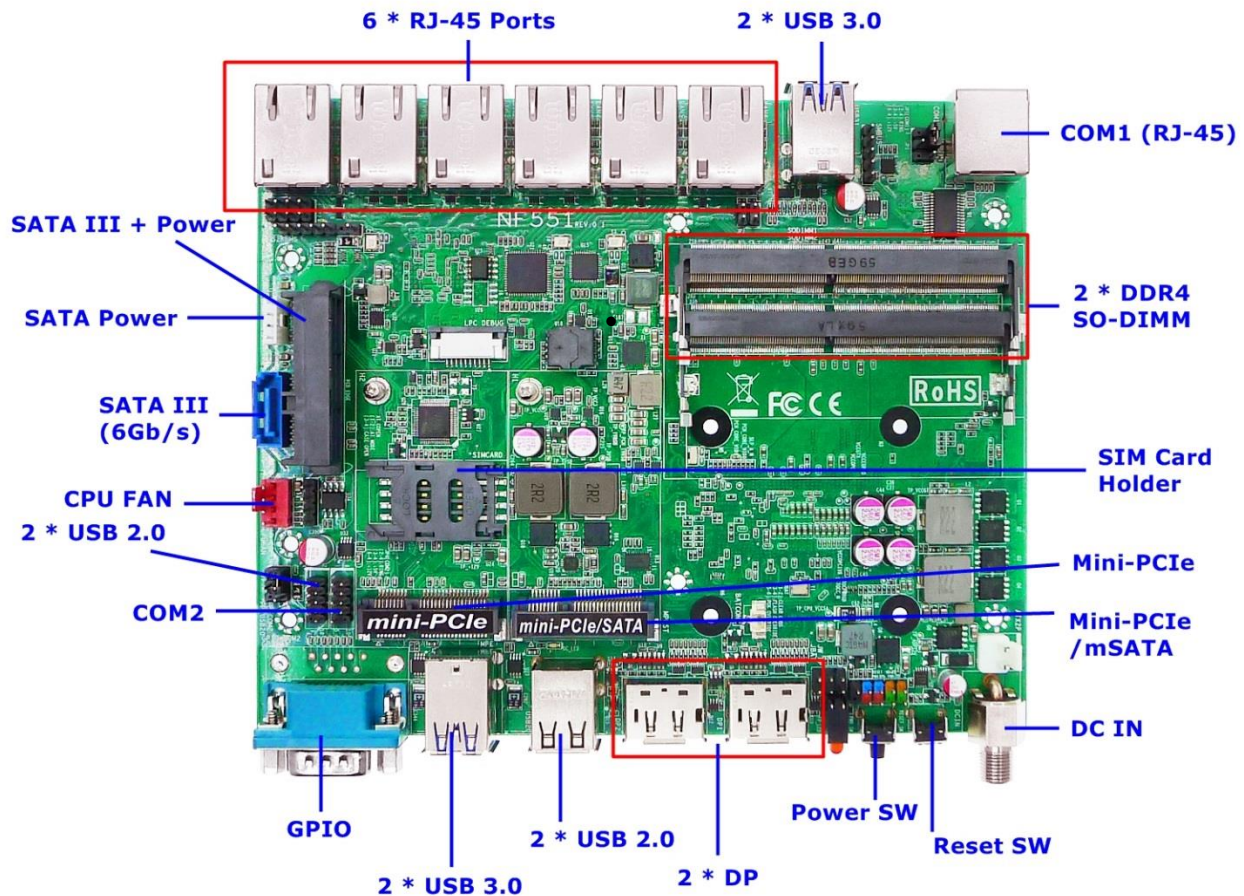
NF551

Proprietary Cableless Industrial Motherboard Intel i5-6300U / 6 Intel GbE / 2 DisplayPort 4K



Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q3'2022
2. CPU on Bottom for Easy Integration into Fanless Systems
3. Intel Core i5-6300U SoC, 2.4GHz - 3.0GHz, Dual-Core, 15W
4. 2 * DDR4-2133 SODIMM Slots up to 32GB Total
5. Supports up to 2 Displays, 2 * DisplayPort (4K @60Hz)
6. 1 * Cableless 2.5" SATA3 6Gb/s, 1 * Full-size Mini-PCIE Slot
7. 1 * Full-size mSATA/Mini-PCIE Shared Slot, SIM Card Holder
8. 6 * Intel Gigabit LAN, Supporting iAMT, vPro
9. 2 * Serial Ports, 8-bit GPIO, Watchdog Timer
10. 2 * USB 3.0 Ports, 4 * USB 2.0 Ports,
11. 12V DC-In Locking Jack or 2-pin Alternative Internal Power Connector
12. Proprietary Form Factor (166mm x 138mm)



Model / Series	<ul style="list-style-type: none"> NF551
Part No	<ul style="list-style-type: none"> JNF551-6300U
Processor	<ul style="list-style-type: none"> Intel Core i5-6300U SoC, 2.4GHz – 3.0GHz burst, Dual-Core, 15W TDP, Skylake-U
Chipset	<ul style="list-style-type: none"> SoC
Video	<ul style="list-style-type: none"> Intel HD Graphics 520, 300MHz – 1.0GHz
Memory	<ul style="list-style-type: none"> 2 * 260-pin SO-DIMM slots supporting DDR4-2133 up to 32GB total
Expansion Slots	<ul style="list-style-type: none"> 1 * mini-PCI Express slot (Full-size), SIM card holder
Storage	<ul style="list-style-type: none"> 1 * Cableless 2.5" SATA3 6Gb/s bay 1 * mSATA/mini-PCI Express shared slot (Full-size)
Audio	<ul style="list-style-type: none"> Intel display audio (DP)
Network	<ul style="list-style-type: none"> 1 * Intel i211-AT Gigabit LAN 1 * Intel i219-LM Gigabit LAN supporting iAMT & vPro 1 * Intel i350-AM4 4-ports gigabit LAN
Other Features	<ul style="list-style-type: none"> Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec Intel TPM 2.0 Trusted Computing
Rear Panel I/O	<ul style="list-style-type: none"> 2 * USB 3.0 ports 6 * RJ-45 ports, 1 * RJ45 Serial port (cable not included)
Front Panel I/O	<ul style="list-style-type: none"> 8-bits GPIO, 2 * USB 3.0 ports, 2 * USB 2.0 ports 2 * DisplayPort 1.2 (up to 4096 * 2304 @60Hz) Power/HDD LEDs, Power button, Reset button 12V DC-in locking jack (1-pin 2.5mm ID/5.5mm OD)
Internal Headers	<ul style="list-style-type: none"> 1 * USB header for up to 2 * USB 2.0 ports Chassis intrusion, AT/ATX power mode, SMBUS header 1 * Serial header (RS232/422/485), PS/2 Combo header 2-pin Alternative internal power connector
BIOS	<ul style="list-style-type: none"> AMI 128MB SMT Flash ROM
Box Contents	<ul style="list-style-type: none"> NF551 Motherboard, Manual, SATA Cable, Power Cable, DVD Driver Disk
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP
Temperature	<ul style="list-style-type: none"> Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	<ul style="list-style-type: none"> Proprietary Form Factor (166mm x 138mm)
Warranty	<ul style="list-style-type: none"> 2 Years Limited Warranty

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



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