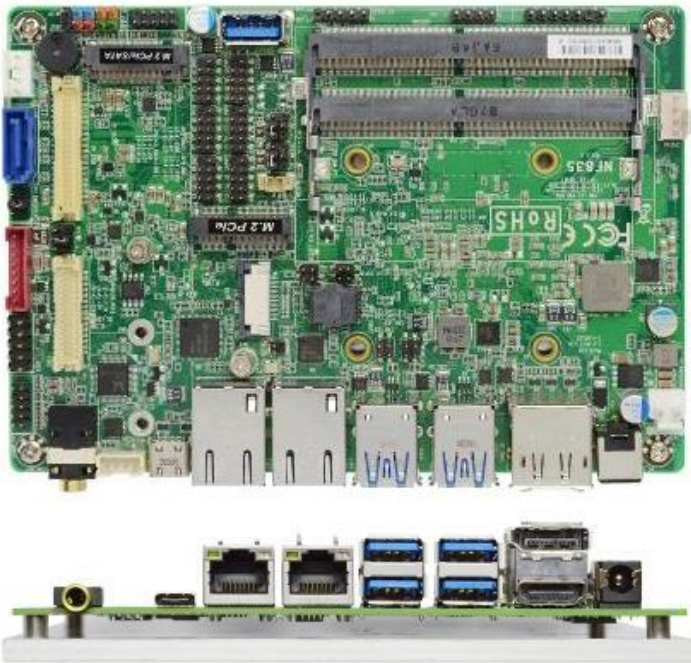


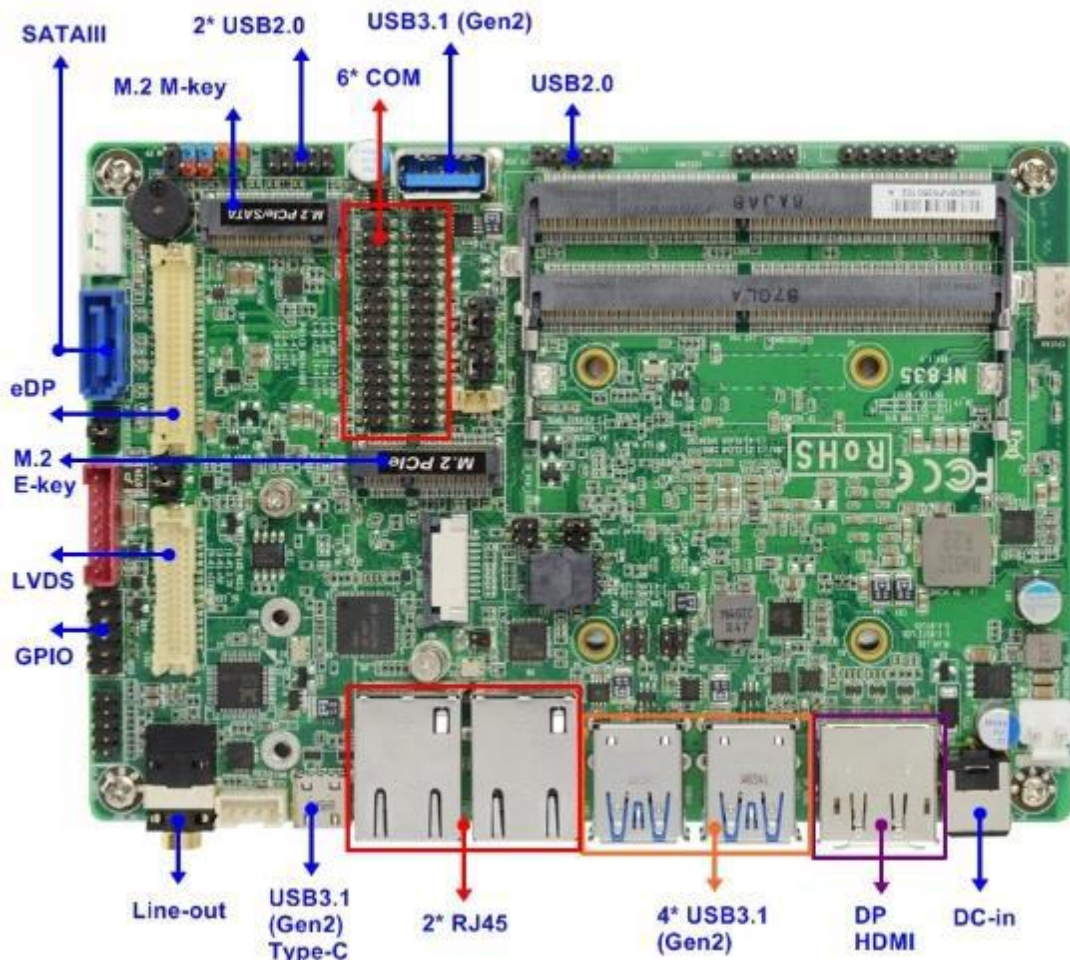
NF835

3.5" SBC Industrial Motherboard / Whiskey Lake
4K / DP+HDMI+LVDS/eDP / 2 Intel GbE / 9V-24V



Features

1. CPU on Bottom for Easy Integration into Fanless Systems
2. Intel Core i5-8365U SoC, Quad-Core, 15W
3. 2 * DDR4-2400 SODIMM Slots up to 32GB Total
4. Up to 3 Displays, DP 4K@60, HDMI, 24bit LVDS/eDP
5. 1 * SATA3 6Gb/s, M.2 SATA & PCIE x4 NVME 2242/2280
6. 1 * M.2 2230 Slot for WIFI, Optional TPM 2.0
7. 2 * Intel Gigabit LAN, Supporting iAMT, HD Audio
8. 6 * Serial Headers, 8-bit GPIO, Watchdog Timer
9. 6 * USB 3.1 Gen2, 9V - 24V DC-In Jack or 2-pin Internal
10. 3.5" SBC Form Factor (148mm x 102mm)
11. Ships with Silver Heatsink for Direct Attaching to Surface



Model / Series	<ul style="list-style-type: none"> NF835
Part No	<ul style="list-style-type: none"> JNF835-8365U (no TPM), JNF835T2-8365U (TPM 2.0)
Processor	<ul style="list-style-type: none"> Intel Core i5-8365U SoC, Quad-Core, 15W TDP, Whiskey Lake-U *Ships with flat silver heatsink for direct attaching to a surface
Chipset	<ul style="list-style-type: none"> SoC
Video	<ul style="list-style-type: none"> Intel HD Graphics
Memory	<ul style="list-style-type: none"> 2 * 260-pin SO-DIMM slots supporting DDR4-2400 up to 32GB total
Expansion Slots	<ul style="list-style-type: none"> 1 * M.2 2230 for WIFI
Storage	<ul style="list-style-type: none"> 1 * SATA3 6Gb/s port 1 * M.2 SATA & PCIE 3.0 x4 NVME 2242/2260/2280
Audio	<ul style="list-style-type: none"> Realtek ALC662 HD Audio, L+R 3W Amplifier Header
Network	<ul style="list-style-type: none"> Intel i211-AT Gigabit LAN, Intel i219-LM Gigabit LAN supporting iAMT & vPro
Other Features	<ul style="list-style-type: none"> ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM 2.0
Rear Panel I/O	<ul style="list-style-type: none"> 4 * USB 3.1 Gen2 ports, 1 * USB 3.1 Gen2 port Type-C 2 * RJ-45 ports DisplayPort (4096 x 2304 @60Hz) HDMI (4096x2160 @24Hz) Line Out 9V - 24V DC-in jack
Front Panel I/O	<ul style="list-style-type: none"> Front Panel Header
Internal I/O	<ul style="list-style-type: none"> 2 * USB Headers for 3 * USB 2.0 ports 1 * USB 3.1 Gen2 type-A vertical port eDP/24bit Dual Channel LVDS header & Inverter, SMBUS Header 6 * Serial port headers (5 * RS232, 1 * RS232/422/485), 1 * PS2 KB/MS combo header 8-bit GPIO header, Chassis Intrusion Header, AT/ATX power switch mode jumper
BIOS	<ul style="list-style-type: none"> AMI 128Mb Flash ROM
Box Contents	<ul style="list-style-type: none"> NF835 Motherboard, SATA Cable, Internal Power Cable
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"> 3.5" SBC Form Factor (148mm x 102mm)
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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