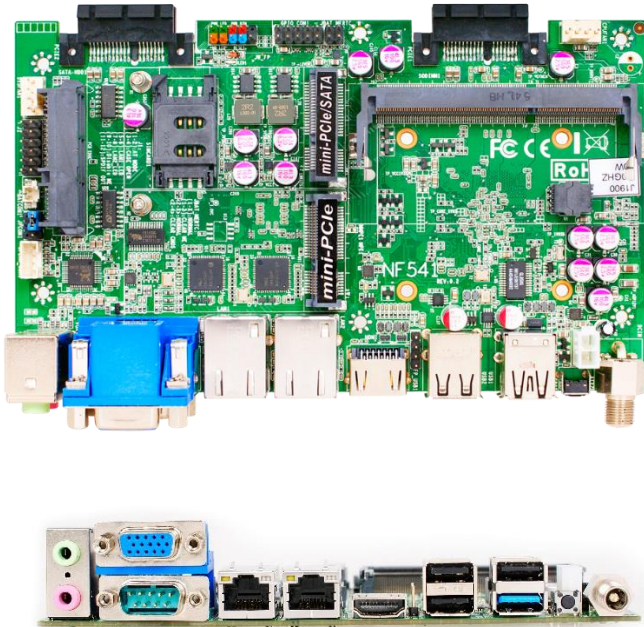


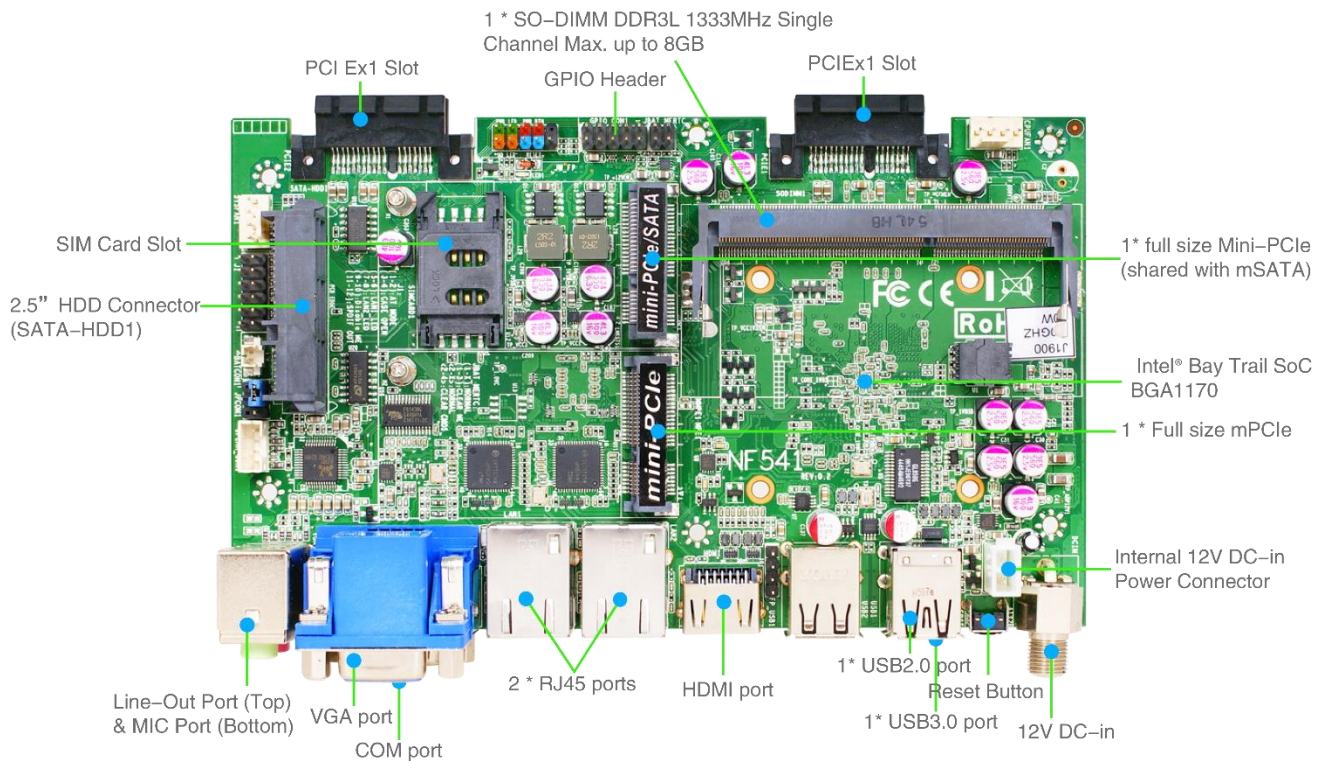
NF541

Fanless Embedded Motherboard Celeron J1900 / 2 PCIE Expansion Slots



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2021
2. Fanless Intel Celeron J1900 SoC Processor, Quad-Core, 2.0GHz, 2.42GHz Burst, Bay Trail-M, 10W TDP
3. Supports DDR3L-1333 SODIMM up to 8GB Total
4. Supports up to 2 Displays, HDMI, VGA
5. 1 * SATA2 3Gb/s Cable-Free Connector, 1 * Full-size mSATA/mini-PCIE Shared Slot, 1 * Full-size mini-PCIE Slot
6. 2 * PCI Express 2.0 x1 Side-Slots Supporting Jetway GEN3 Daughter Boards or Other PCIE x1 Devices
7. 2 * Intel i211-AT Gigabit LAN
8. 1 * USB 3.0 Port, 4 * USB 2.0 Ports, HD Audio
9. Locking 12V DC-in or Alternate 2-pin Internal Connector
10. Compatible with Windows 7, 8.1, 10, Linux
11. Proprietary Form Factor (100mm x 167mm)
12. *Also used in Jetway JBC390 Barebone Series



Model / Series	<ul style="list-style-type: none"> NF541
Part No	<ul style="list-style-type: none"> JNF541-1900
Processor	<ul style="list-style-type: none"> Fanless Intel Celeron J1900 SoC Processor, Quad-Core, 2.0GHz, 2.42GHz Burst, Bay Trail-M, 22nm, 10W TDP *Passive heatsink installed for bench testing
Chipset	<ul style="list-style-type: none"> None
Video	<ul style="list-style-type: none"> Intel HD Graphics in processor, 688 – 854MHz
Memory	<ul style="list-style-type: none"> 1 * 204-pin SO-DIMM slot supporting DDR3L-1333 up to 8GB total 1.35V Memory required
Expansion Slots	<ul style="list-style-type: none"> 2 * PCI Express 2.0 x1 side-slots, Supports Jetway GEN3 Daughter Boards 1 * Mini-PCI Express slot (full-size)
Storage	<ul style="list-style-type: none"> 1 * SATA2 3Gb/s Cable-Free 2.5" bay, 1 * mSATA/mini-PCIE shared slot (Full-size)
Audio	<ul style="list-style-type: none"> Realtek ALC662 HD Audio, 3W Amplifier
Network	<ul style="list-style-type: none"> 2 * Intel i211-AT Gigabit LAN
Other Features	<ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, SIM Card Socket
Rear Panel I/O	<ul style="list-style-type: none"> 1 * USB 3.0 port, 3 * USB 2.0 ports, 2 * RJ-45 LAN ports HDMI, VGA, Serial Port (RS232/422/485), Reset button, Line-out, Microphone Locking +12V DC-in jack (1-pin 2.5mm ID/5.5mm OD, locking)
Internal I/O	<ul style="list-style-type: none"> 1 * USB Header for 1 * USB 2.0 port AT/ATX power switch mode select jumper 4-pin 3W Stereo Amplifier header (Left+Right), 8-bit GPIO Header Alternate 2-pin internal power connector
BIOS	<ul style="list-style-type: none"> AMI 64MB UEFI Flash ROM
Box Contents	<ul style="list-style-type: none"> NF541 Motherboard, Manual, DVD Driver Disk, 2.5" Drive mounting rails
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP, REACH
Temperature	<ul style="list-style-type: none"> Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C
Form Factor	<ul style="list-style-type: none"> Proprietary Form Factor (100mm x 167mm)
Warranty	<ul style="list-style-type: none"> 2 Years Limited Warranty

*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

