

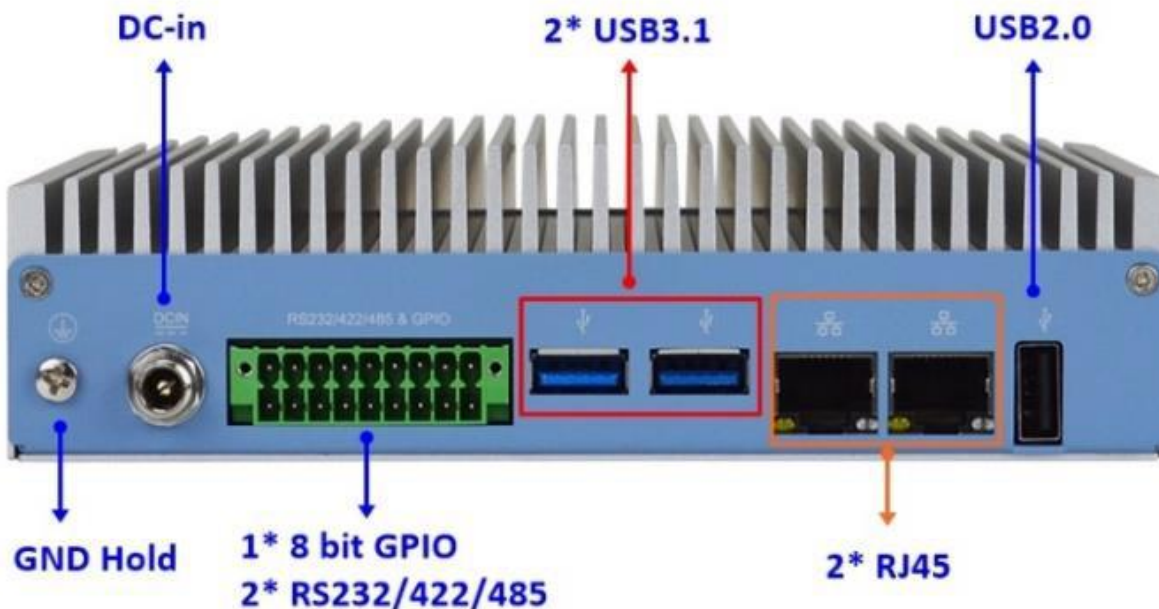
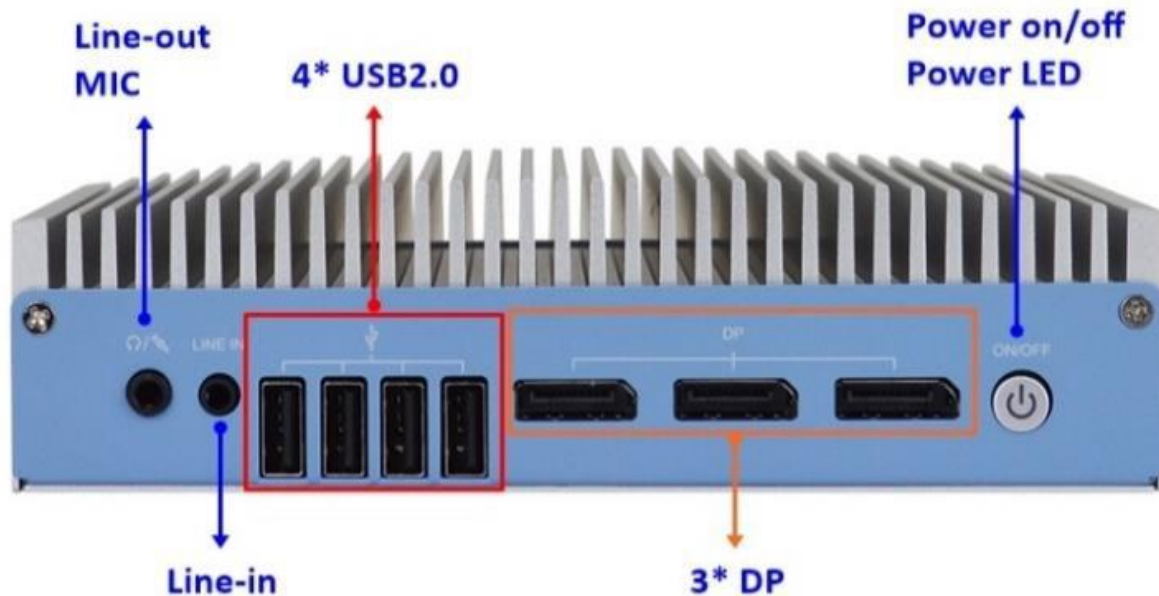
HB368F21-W

Fanless Elkhart Lake Embedded Barebone
J6412 Quad-Core / 3*DP / 43.5mm / 12-36V



Features

- Fanless Embedded Barebone System with Planned Lifecycle Through Q1'2036
- Intel Elkhart Lake J6412 Quad-core Processor
- Supports DDR4-3200 up to 32GB Total Memory
- Up to 3 Displays, 3 * DP 1.4 4K @60Hz
- M.2 SATA/PCIE 3.0 x2 NVME, 2*M.2 for WIFI & Cellular
- 2 * Realtek 1GbE, 8bit GPIO Phoenix Terminal Block
- 2*RS232/422/485 Phoenix Terminal Block
- Watchdog Timer, 12-36V DC-In, 60W AC Adapter
- Includes Wall & DIN Mounting Brackets



Model	<ul style="list-style-type: none"> ■ HB368F21-W
Part No	<ul style="list-style-type: none"> ■ HB368F21-6412-W ■ HB368F21-6412-WE (32GB EMMC) ■ HB368F21-6412-WE (32GB EMMC, WIFI) ■ HB368F21-6412-WT (32GB EMMC, TPM2) ■ HB368F21-6412-WT (32GB EMMC, TPM2, WIFI)
Processor	<ul style="list-style-type: none"> ■ Fanless Intel Celeron J6412 Quad-core SoC, Elkhart Lake
Memory	<ul style="list-style-type: none"> ■ 1 * DDR4-3200 SO-DIMM up to 32GB total memory
Storage	<ul style="list-style-type: none"> ■ Optional: 32GB EMMC ■ 1 * M.2 M-key SATA & PCIE 3.0 x2 NVME 2242/2280
Network	<ul style="list-style-type: none"> ■ 2 * Realtek RTL8119I 1GbE LAN ■ WIFI Model: includes M.2 AC-WIFI+BT card ■ Non-WIFI Model: open M.2 E-key 2230 slot (USB/PCIE) ■ M.2 B-key 3042/3052 (USB3) with SIM card slot for Cellular
Other Features	<ul style="list-style-type: none"> ■ AHCI, Watchdog Timer 10-255 min/sec., AT/ATX Power Mode, Optional TPM2
Front Panel I/O	<ul style="list-style-type: none"> ■ 4 * USB 2.0 Type-A, Power button and LED ■ 3.5mm Line-out/Mic combo jack ■ 3.5mm Line-in jack ■ 3 * Displayport 1.4 4K @60Hz
Rear Panel I/O	<ul style="list-style-type: none"> ■ 2 * USB 3.2 Gen2 ports (10Gb/s) Type-A, 1 * USB 2.0 Type-A ■ 2 * RJ45 ■ 2 * RS232/422/485 Phoenix Terminal Block ■ 8bit GPIO Phoenix Terminal Block ■ 12-36V DC-in locking jack, Grounding Screw ■ (side) 4 * Antenna holes
BIOS	<ul style="list-style-type: none"> ■ AMI UEFI Flash ROM with Intel fTPM (PTT) TPM 2.0 Emulation
Box Contents	<ul style="list-style-type: none"> ■ 60W 12V AC Adapter, US Power Cord, Wall/DIN Mount Brackets, Antenna (WIFI model)
Compliance	<ul style="list-style-type: none"> ■ CE, FCC, RoHS, ErP Ready
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature -20 - 70° C ■ Storage Temperature -40 - 85° C
Dimensions	<ul style="list-style-type: none"> ■ 106 x 160.2 x 43.5mm (DxWxH)
OS Support	<ul style="list-style-type: none"> ■ Windows 10 64bit, Windows 11 64Bit, Linux
Warranty	<ul style="list-style-type: none"> ■ 2 Years limited warranty

*Specifications subject to change without notice, not responsible for typographical errors. Does not include memory, HDD, optical, or OS.



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