

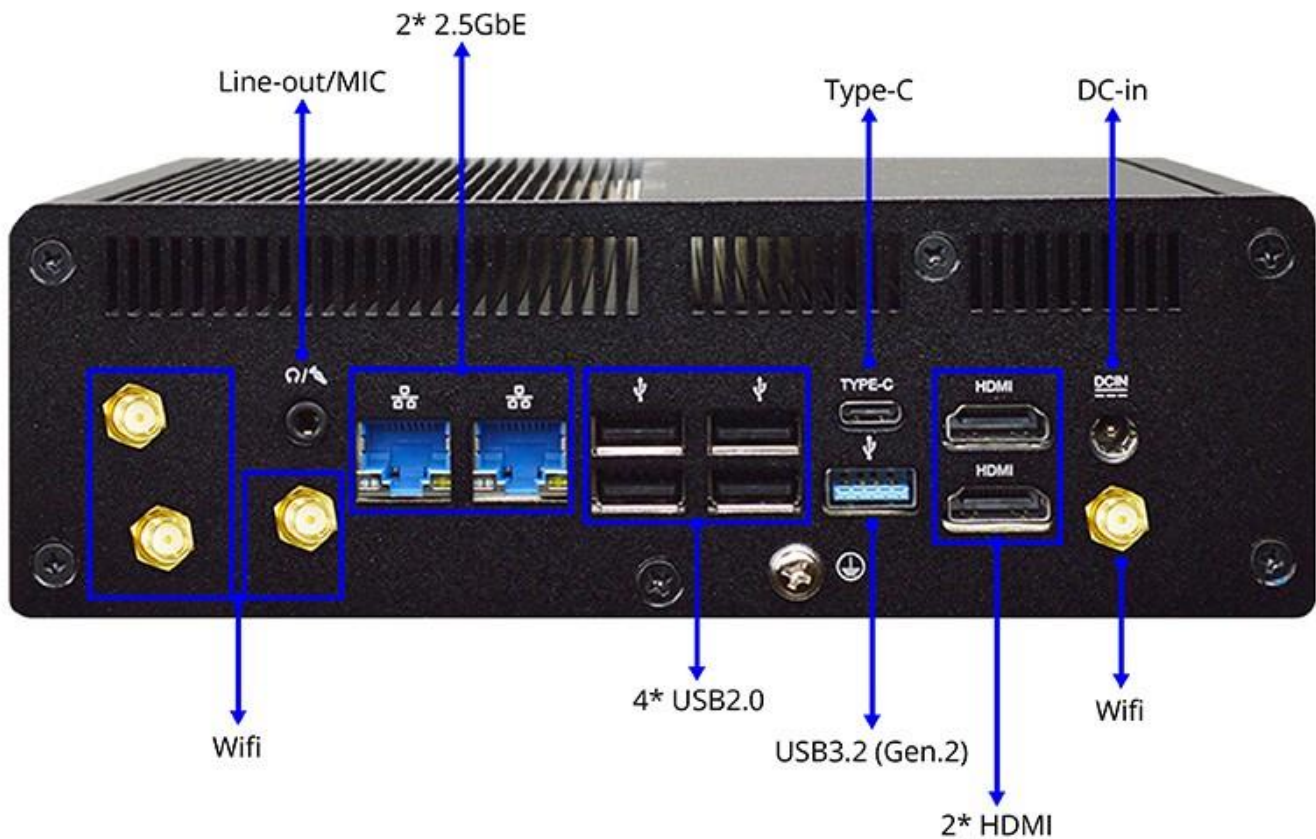
BFDADN1

Fanless Intel N97 Embedded Barebone 2*HDMI / USB-C(DP) / 2*2.5GbE / 12-28V



Features

- Fanless Embedded Barebone System with Planned Lifecycle Through Q1'2038
- Fanless Intel Processor N97, Alder Lake-N
- Supports DDR5-4800 up to 32GB Total Memory
- Up to 3 Displays, 2 * HDMI 2.0b, 1 * USB-C (DP)
- M.2 PCIe 3.0 x2 NVME, 2*M.2 for WIFI & Cellular
- 2 * Intel 2.5GbE, 6 * USB 2.0, 2 * USB 3.2 Gen2
- 4 * DB9 Punchout for Optional Serial or GPIO
- Watchdog Timer, 12-28V DC-In, 60W AC Adapter
- Includes Wall & DIN Mounting Brackets



(Picture shown with optional antenna connectors installed)

Model	■ BFDADN1										
Part No	<table border="0"> <tr> <td>■ Non-WIFI Models:</td> <td>■ WIFI Models:</td> </tr> <tr> <td>■ BFDADN1-N97-N</td> <td>■ BFDADN1-N97-I (WIFI)</td> </tr> <tr> <td>■ BFDADN1-N97-NT (TPM2)</td> <td>■ BFDADN1-N97-IT (WIFI, TPM2)</td> </tr> <tr> <td>■ BFDADN1-N97-NE (64GB EMMC)</td> <td>■ BFDADN1-N97-IE (WIFI, 64GB EMMC)</td> </tr> <tr> <td>■ BFDADN1-N97-NQ (64GB EMMC, TPM2)</td> <td>■ BFDADN1-N97-IQ (WIFI, 64GB EMMC, TPM2)</td> </tr> </table>	■ Non-WIFI Models:	■ WIFI Models:	■ BFDADN1-N97-N	■ BFDADN1-N97-I (WIFI)	■ BFDADN1-N97-NT (TPM2)	■ BFDADN1-N97-IT (WIFI, TPM2)	■ BFDADN1-N97-NE (64GB EMMC)	■ BFDADN1-N97-IE (WIFI, 64GB EMMC)	■ BFDADN1-N97-NQ (64GB EMMC, TPM2)	■ BFDADN1-N97-IQ (WIFI, 64GB EMMC, TPM2)
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Processor	■ Fanless Intel Processor N97, Alder Lake-N										
Memory	■ 1 * DDR5-4800 SO-DIMM up to 32GB total memory										
Storage	<ul style="list-style-type: none"> ■ Optional: 64GB EMMC ■ 1 * M.2 M-key PCIE 3.0 x2 NVME 2280 										
Network	<ul style="list-style-type: none"> ■ 2 * Intel i225-V 2.5GbE LAN ■ WIFI Model: includes M.2 AC-WIFI+BT card ■ Non-WIFI Model: open M.2 E-key 2230 slot (USB/PCIE/CNVI) ■ M.2 B-key 3042/3052 (USB3/USB2) with SIM card slot for Cellular 										
Other Features	■ AHCI, Watchdog Timer 10-255 min/sec., AT/ATX Power Mode, Optional TPM2										
Front Panel I/O	<ul style="list-style-type: none"> ■ 2 * USB 2.0 Type-A, Power, Reset and LEDs ■ 3.5mm Mic jack ■ 3.5mm Line-in jack ■ 4 * DB9 punchouts for Serial or GPIO (check JF35-ADN1 motherboard spec) 										
Rear Panel I/O	<ul style="list-style-type: none"> ■ 1 * USB 3.2 Gen2 port (10Gb/s) Type-A, 4 * USB 2.0 Type-A ■ 2 * RJ45 ■ 2 * HDMI 2.0b 4K@60Hz ■ 1 * USB 3.2 Gen2 Type-C (DP 1.4 Alt mode 4K@60Hz) ■ 3.5mm Line-out/Mic combo jack ■ 12-28V DC-in, Grounding Screw 										
BIOS	■ AMI UEFI Flash ROM with Intel fTPM (PTT) TPM 2.0 Emulation										
Box Contents	■ 60W 12V AC Adapter, US Power Cord, Wall/DIN Mount Brackets, Antenna (WIFI model)										
Compliance	■ CE, FCC, RoHS, ErP Ready										
Temperature	<ul style="list-style-type: none"> ■ Operating Temperature -20 - 60° C (M.2 SSD), 0 - 50 ° C (2.5" drive) ■ Storage Temperature -40 - 85° C 										
Dimensions	■ 142.4 x 193 x 62mm (DxWxH)										
OS Support	■ Windows 10 64bit, Windows 11 64Bit, Linux										
Warranty	■ 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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