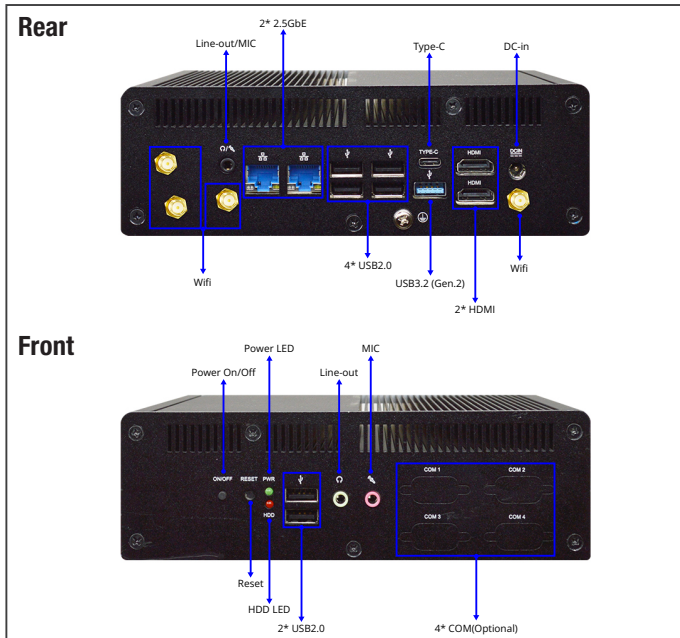


BFDADN1-N97-N

Compact Fanless BOX PC Solutions

Fanless Embedded Box PC with Intel® Processor N-series



Specifications

SYSTEM	
CPU	Intel® Processor N97 (TDP 12W)
CHIPSET	—
SYSTEM MEMORY	1 x DDR5 4800MHz SODIMM up to 32GB
DISPLAY INTERFACE	2 x HDMI 2.0b (Max Resolution: 4096x2160@60Hz) 1 x DisplayPort for DP1.4a from external USB Type C (Max Resolution : 4096x2304@60Hz)
STORAGE DEVICE	1 x 2.5" SATA-III Drive Bay internal drive bay (Max. Height 9.5 mm) 1 x M.2 2280 M-key (PCIe Gen.3 x2 interface) support NVMe 64GB eMMC 5.1 onboard (optional)
ETHERNET	2 x Intel® I225-V, 2.5GbE
Front I/O	Power button Reset button Power LED HDD LED 2 x USB2.0 1 x Line-out 1 x Mic 1 x DB-9 for RS-232/422/485 3 x DB-9 for RS-232
Rear I/O	4 x SMA Antenna Hole 1 x Combo Audio (Mic-in, Line-out) 2 x RJ45 4 x USB2.0 1 x USB3.2 Gen2 Type-C support DP1.4a display output 1 x USB3.2 Gen2 Ground screw 2 x HDMI DC jack
EXPANSION	1 x M.2 2230 E-Key for WiFi module 1 x M.2 3042/3052 B-Key for 4G / 5G module
INDICATOR	1 x Power LED 1 x HDD LED
OS SUPPORT	Windows® 10 Windows® 11 Linux
POWER SUPPLY	
POWER REQUIREMENT	MB : DC Input 12~28V Adapter : AC100~240V / DC12V_5A_60W
MECHANICAL	
MOUNTING	Desktop, Wallmount, Din Rail
DIMENSIONS (W x H x D)	193(W) x 142.4(D) x 62(H) mm (7.6" x 5.6" x 2.44")
GROSS WEIGHT	3.5 kg (7.7 lb)
NET WEIGHT	2.2 kg (4.8 lb)
ENVIRONMENT & CERTIFICATION	
OPERATING TEMPERATURE	-20°C ~ 60°C (-4°F ~140°F) (Under the condition of using M.2 interface SSD) 0°C ~ 50°C (32°F ~122°F) (Under the condition of using 2.5" SATA HDD)
STORAGE TEMPERATURE	-40°C ~ 85°C (-40°F ~185°F)
OPERATING HUMIDITY	10 ~ 95% @ 40°C, non-condensing
ANTI-VIBRATION	—
ANTI-SHOCK	—
CERTIFICATION	CE/FCC Class A , LVD

Features

- 1 x DDR5 4800MHz SODIMM Slot, up to 32GB
- 2 x HDMI 2.0b, 1 x Type C DP1.4a
- 2 x 2.5GbE
- 1 x RS485/422/232, 3 x RS232
- 1 x USB 3.2 Gen2, 6 x USB2.0, 1 x USB3.2 Type C
- 1 x M.2 2280 M-key, 1 x M.2 2230 E-key, 1 x M.2 3042 B-key
- MB support Wide DC Input 12-28V
- Support 64GB eMMC & TPM2.0 (optional)

Applications

- IoT Solution, Edge Computing, Automation Industry

Packing List

Part Number	Description	QTY
	BFDADN1-N97 SERIES	1
HCSFDMWM01B-F	Wallmount/DIN Rail brackets	2
HCS3XXDINRAILPS-F	DIN RAIL KITS	2
L01AS053-F	Adapter DC12V_60W	1
LCSCHBFDXXX-F	Screw Package	1
Change according to shipping area	Power cord	1

Optional Accessories

Part Number	Description	QTY per Board
J05-ANT-GX57245-F	Antenna 2.4G/5G 2.8dBi	1

