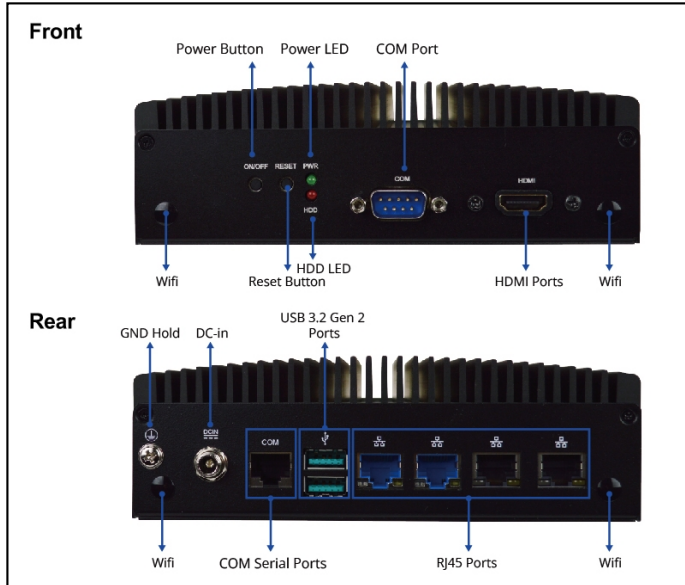


4 x 2.5GbE Fanless Embedded System by Intel® 13th Gen Core™ i5-1335UE Processor



Features

- Powered by Intel® 13th Gen Core™ i5-1335UE Processor (Raptor Lake, 15W TDP)
- High-Speed Networking: 4 x 2.5GbE LAN for reliable, fast connectivity
- High-Performance Memory: Supports DDR5 4800MHz SO-DIMM
- Enhanced Security: Integrated fTPM with optional discrete TPM

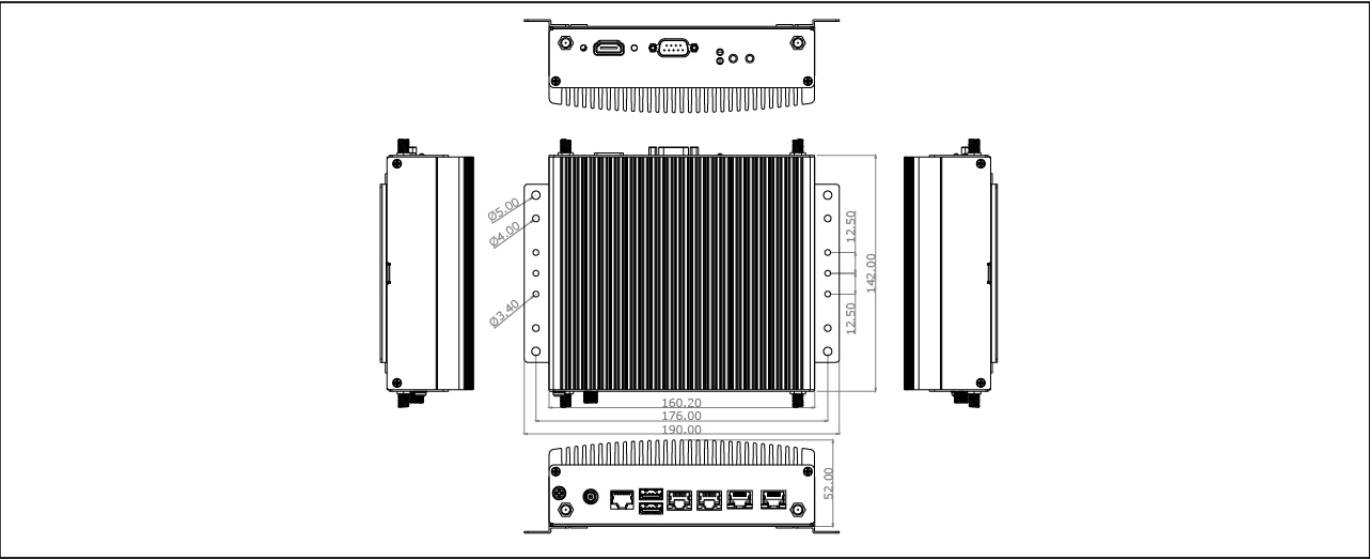
Packing List

PART NUMBER	DESCRIPTION	QTY
BFLFRPU2	BFLFRPU2 Barebone	1
HCSFBMWM01B-F	Wallmount Kit	2
L01AS062-F	Lockable Adapter 19V/4.74A 90W	1
LCSCHBJC3XX-F	Screw Pack	1
Change according to shipping area	Power Cord (Region Specific)	1

Specifications

SYSTEM	
MB FORM FACTOR	3.5"
CPU	Onboard Intel® 13th Gen Core™ i5-1335UE (Formerly Raptor Lake-P, TDP 15W)
CHIPSET	Intel® SoC
MEMORY	1 x DDR5 4800MHz, Single Channel SO-DIMM, up to 32GB
BIOS	UEFI
WAKE ON LAN	Yes
WATCHDOG TIMER	255 Levels
SECURITY	Intel® PTT (Integrated fTPM) TPM2.0 (dTPM, Optional)
RTC BATTERY	Lithium Battery
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	DC-in 19V 90W Adapter: AC90-240V, DC19V/4.7A
POWER ON MODE	ATX (Default) Mode
DISPLAY	
GPU	Intel® Iris® Xe Graphics
HDMI	1 x HDMI 1.2 (Max Resolution: 1920 x 1080@60Hz)
LAN	
ETHERNET	3 x RJ45 for Intel® I226-V 2.5GbE 1 x RJ45 for Intel® I226-LM 2.5GbE
SYSTEM I/O	
REAR PANEL I/O	2 x WIFI Antenna Holes 1 x DC-in (Lockable) 1 x COM (RJ45 Type) 2 x USB 3.2 Gen 2 4 x RJ45 1 x GND Hold
FRONT PANEL I/O	2 x WIFI Antenna Holes 1 x Power Button 1 x Power LED 1 x Reset Button 1 x HDD LED 1 x RS-232/422/485 1 x HDMI
EXPANSION	
M.2	1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) support CNVio 1 x B-Key 3042/3052 (USB 3.2/PCIe 3.0 x1) 1 x M-Key 2242/2280 (PCIe 4.0 x4) support NVMe
SIM	1 x Nano SIM Card Slot
MECHANICAL	
MOUNTING	Desktop, Wallmount, Din Rail
DIMENSIONS (W x D x H)	160.2 (W) x 142.0 (D) x 52.0 (H) mm
GROSS WEIGHT	1.51 kg
ENVIRONMENT & CERTIFICATION	
OPERATING TEMPERATURE	-20°C ~ 60°C (-4°F ~ 140°F)
STORAGE TEMPERATURE	-40°C ~ 85°C (-40°F ~ 185°F)
OPERATING HUMIDITY	10 ~ 90% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	China RoHS CMRT Report TSCA Declaration WEEE REACH

Dimension Unit: mm



Ordering Information

PART NUMBER	BFLFRPU2-A111	BFLFRPU2-A211
CPU	Intel® Core™ i5-1335UE	Intel® Core™ i5-1335UE
MEMORY	2 x DDR4 SO-DIMM, up to 32GB	2 x DDR4 SO-DIMM, up to 32GB
SECURITY	Intel® PTT (fTPM)	TPM2.0
POWER REQUIREMENT	DC-in 19V	DC-in 19V
GPU	Intel® Xe Graphics	Intel® Xe Graphics
HDMI	1 x HDMI	1 x HDMI
ETHERNET	4 x 2.5GbE	4 x 2.5GbE
I/O	4 x WIFI ANT	4 x WIFI ANT
I/O	1 x DC-in (Lockable)	1 x DC-in (Lockable)
I/O	1 x COM (RJ45 Type)	1 x COM (RJ45 Type)
I/O	2 x USB 3.2 Gen 2	2 x USB 3.2 Gen 2
I/O	4 x RJ45	4 x RJ45
I/O	1 x GND Hold	1 x GND Hold
I/O	1 x HDMI	1 x HDMI
I/O	1 x COM	1 x COM
I/O	1 x Power LED	1 x Power LED
I/O	1 x HDD LED	1 x HDD LED
I/O	1 x Power Button	1 x Power Button
I/O	1 x Reset	1 x Reset
M.2	1 x E-Key 2230	1 x E-Key 2230
M.2	1 x B-Key 3042/3052	1 x B-Key 3042/3052
M.2	1 x M-Key 2242/2280	1 x M-Key 2242/2280
OPERATING TEMPERATURE	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)