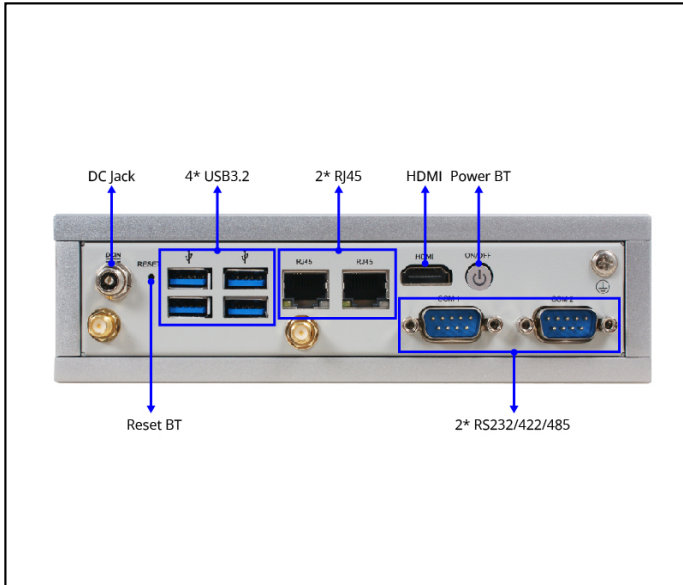


# BFBLZ39-6412-N



Special

Compact Fanless System with Intel® J6412 CPU and Dual 2.5GbE Support



## Features

- Powered by Intel® Celeron® Processor J6412 (Formerly Elkhart Lake, TDP 10W)
- Features dual Intel® I226-V GbE LAN ports for ultra-fast, stable connection
- Versatile Expansion: Includes 1x M.2 M key, plus options for M.2 E key or M.2 B key
- Comprehensive Connectivity: 2x COM Ports, 4x USB 3.2, and 1x HDMI Port
- Compact Fanless Design: Supports desktop/wall mount and DIN rail for space-saving installation

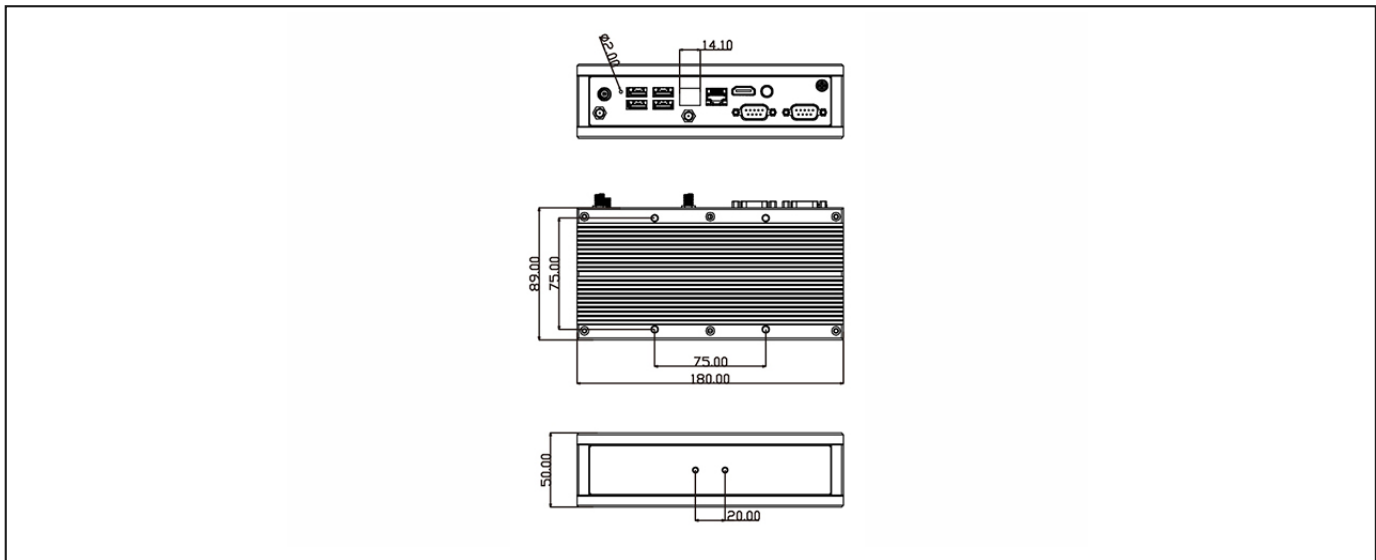
## Packing List

PART NUMBER	DESCRIPTION	QTY
BFBLZ39-6412-N	BFBLZ39-6412-N	1
Change according to shipping area	Power Cord	1
L01AS052-F	Adapter 12V/5A 60W FSP060-DHAN3 Lock	1

## Specifications

SYSTEM	
MB FORM FACTOR	Compact
CPU	Onboard Intel® Celeron® Processor J6412 (Formerly Elkhart Lake, TDP 10W)
CHIPSET	Intel® SoC
MEMORY	1 x DDR4 3200MHz, Single Channel SO-DIMM, up to 32GB
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	DC-in 12V
DISPLAY	
HDMI	1 x HDMI (Max Resolution: 3840 x 2160@60Hz)
LAN	
ETHERNET	2 x RJ45 for Intel® I226-V 2.5GbE
SYSTEM I/O	
REAR PANEL I/O	4 x USB 3.2 Gen.1 1 x HDMI 2 x RS-232/422/485 2 x RJ45 1 x DC-in Jack (12V/Lock type) 1 x Grounding screw 1 x Reset Button 1 x Power Button 1 x Power LED
EXPANSION	
M.2	1 x M-key 2280 (PCIe x2/SATA) 1 x B-key 3042 (PCIe x1/USB2.0 interface) 1 x E-Key 2230 (USB 2.0/PCIe x1)
SIM	1 x Nano SIM Card Slot
MECHANICAL	
MOUNTING	Desktop, Wallmount, Din Rail
DIMENSIONS (W x H x D)	180.0 (W) x 89.0 (D) x 50.0 (H) mm
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	-10°C - 50°C (14°F - 123°F)
STORAGE TEMPERATURE	-20°C - 60°C (-4°F - 140°F)
CERTIFICATION	CE/FCC Class A
ESG DECLARATION	EU RoHS China RoHS ErP

## Dimension Unit: mm



## Ordering Information

PART NUMBER	BFBLZ39-6412-N
CPU	Intel® Celeron® J6412
POWER REQUIREMENT	DC-in 12V
HDMI	1 x HDMI
ETHERNET	2 x 2.5GbE
I/O	4 x USB 3.2
I/O	1 x HDMI
I/O	2 x RS-232/422/485
I/O	2 x RJ45
I/O	1 x DC Jack
I/O	1 x Reset
I/O	1 x Power Button
I/O	1 x Power LED
M.2	1 x M-Key 2280
M.2	1 x B-Key 3042
M.2	1 x E-Key 2230
OPERATING TEMPERATURE	-10°C - 50°C (14°F - 122°F)