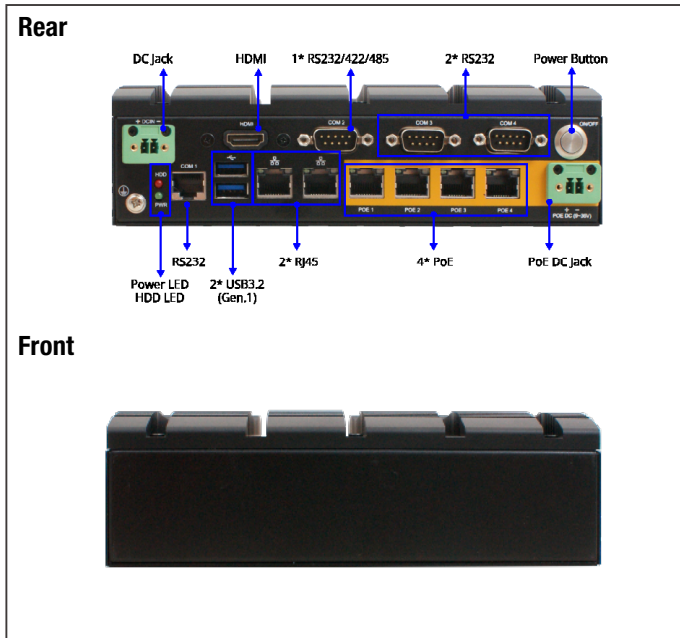


HBJC903I36-6412P4



Fanless System

Fanless Embedded Box PC with Intel® Celeron® Processor J Series (formerly Elkhart Lake)



Specifications

SYSTEM	
CPU	Intel® Celeron® Processor J Series (formerly Elkhart Lake)
CHIPSET	Intel® J6412 (TDP 10W)
SYSTEM MEMORY	1 x DDR4 3200/2933MHz up to 32GB
DISPLAY INTERFACE	1 x HDMI (Max Resolution : 2560x1600@60Hz)
STORAGE DEVICE	1 x M.2 M key (2242, SATA Interface) 1 x 2.5" SATA 6Gb/s internal drive bay (height ≤10mm)
ETHERNET	6 x Intel® 2.5 GbE LAN i225-V(or Intel® i226-V) LAN3/4/5/6 PoE LAN, Support IEEE 802.3af/at (Total Max 100W)
Front I/O	—
Rear I/O	1 x Phoenix terminal block System (12V DC in) 1 x HDMI (Max Resolution : 2560x1600@60Hz) 4 x COM (COM1: RS232-RJ45, COM2:RS232/422/485, COM3/4:RS232) 1 x Power Button 1 x GND Hold 1 x Power LED 1 x HDD LED 2 x USB3.2 Gen.1 6 x RJ45 1 x Phoenix terminal block for PoE (9~36V DC in)
EXPANSION	—
INDICATOR	1 x Power LED 1 x HDD LED
OS SUPPORT	Windows® 10 Windows® 11 Linux
POWER SUPPLY	
POWER REQUIREMENT	MB : 12V DC-in POE: 9~36V DC-in for PoE Adapter : AC100~240V / DC12V_7.5A_90W
MECHANICAL	
MOUNTING	Desktop, Wallmount
DIMENSIONS (W x H x D)	200.0(W) x 180.4 (D) x 59.5 (H) mm (6.0" x 5.41" x 1.78")
GROSS WEIGHT	—
NET WEIGHT	—
ENVIRONMENT & CERTIFICATION	
OPERATING TEMPERATURE	-10°C ~ 50°C (14°F ~122°F) (Under the condition of using M.2 interface SSD)
STORAGE TEMPERATURE	-20°C ~ 60°C (-4°F ~140°F)
OPERATING HUMIDITY	10 ~ 90% @ 40°C, non-condensing
ANTI-VIBRATION	—
ANTI-SHOCK	—
CERTIFICATION	CE/FCC Class A , LVD

Features

- 1 x DDR4 3200/2933MHz up to 32GB
- 1 x HDMI
- 6 x 2.5GbE
- 3 x RS232, 1 x RS485/422/232
- 2 x USB 3.2 Gen.1
- 1 x SATAIII (6Gb/s), 1 x M.2 M key (2242, SATA)
- MB support 12V DC-in, PoE Support 9-36V DC-in
- Support Fanless cooling design, TPM2.0 (optional)

Applications

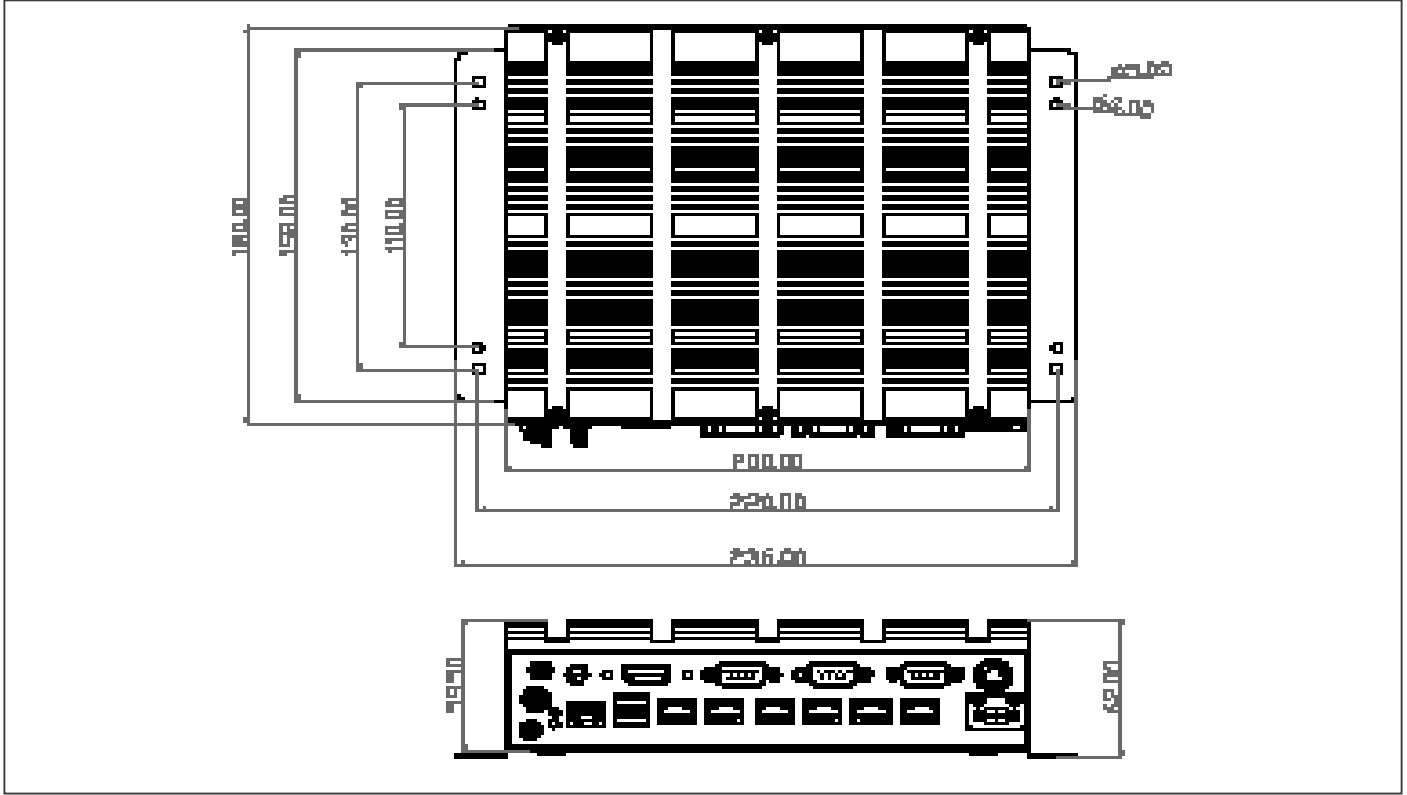
- IoT Solution, Automation Industry, Network security

Packing List

Part Number	Description	QTY
	HBJC903I36-6412P4	1
HCS903MWM01B-AF	Wallmount	2
L01AS064-F	Adapter DC12V_90W	1
LCSCHEFDXXX-F	Screw Package	2
Change according to shipping area	Power cord	1

Dimension

Unit: mm



Ordering Information

Part Number	HBJC903I36-6412P4	HBJC903I36-6412P42	HBJC903I36-6412P4E
LAN	6	6	6
USB 3.2	2	2	2
USB 2.0	—	—	—
RS-232	3	3	3
RS-232/422/485	1	1	1
AUDIO	—	—	—
STORAGE	1 x M.2 M key (2242, SATA Interface) 1 x 2.5" SATA 6Gb/s internal drive bay (height ≤10mm)	1 x M.2 M key (2242, SATA Interface) 1 x 2.5" SATA 6Gb/s internal drive bay (height ≤10mm)	1 x M.2 M key (2242, SATA Interface) 1 x 2.5" SATA 6Gb/s internal drive bay (height ≤10mm)
DISPLAY	1 x HDMI	1 x HDMI	1 x HDMI
EXPANSION	—	—	—
MOUNTING	Desktop, Wallmount	Desktop, Wallmount	Desktop, Wallmount
POWER	MB : 12V DC-in PoE: 9~36V DC-in for PoE	MB : 12V DC-in PoE: 9~36V DC-in for PoE	MB : 12V DC-in PoE: 9~36V DC-in for PoE
OPERATING TEMP	-10°C ~ 50°C (14°F ~123°F) (Under the condition of using M.2 interface SSD)	-10°C ~ 50°C (14°F ~123°F) (Under the condition of using M.2 interface SSD)	-10°C ~ 50°C (14°F ~123°F) (Under the condition of using M.2 interface SSD)
TPM	—	2.0	—
WiFi	—	—	—
EMMC	—	—	64GB