



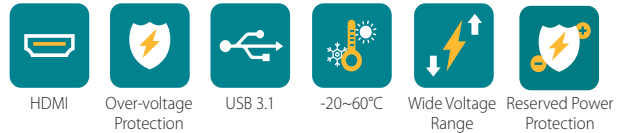
# SB-226-1J64

Industrial Fanless PC w/ Intel® Elkhart Lake Celeron® J6412 Processor



## Features

- Intel® Celeron® J6412 CPU Elkhart Lake(2.0 GHz/2.6GHz)
- 1 x SDRAM DDR4 3200 MHz (max. 32G)
- Support 2 Gigabit LAN
- Support M.2 SSD, MiniPCIE, mSATA



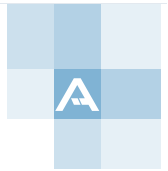
Industrial Automation System

System	
CPU	Intel® Celeron® J6412 CPU Elkhart Lake (2.0 GHz/2.6GHz)
Memory	1 x SDRAM DDR4 3200 MHz SO-SIMM slot (max. 32G) 4GB DDR4 SO-DIMM pre-installed*(CTOS)
Graphics	Intel® UHD Graphics for 10 <sup>th</sup> Gen Intel® Processors
LAN chipset	2 x Intel I211 for 10/100/1000 Mbps, colay I210
Watchdog Timer	Programmable 255 levels timer interval, from 1~255 sec/min
Storage	
Device	1 x M.2 2242 1 x mSATA 128GB M.2 SSD pre-installed*(CTOS)
Audio	
Type	1 x Audio(Line-out & Mic-in) (Chipset 888S/897)
Power System	
Power Input	12-36V DC, 2-pin phoenix connector
OS	
Windows 10, Ubuntu 20.04	
Qualification	
Certification	CE, FCC
External I/O	
Serial Ports	1 x RS232/422/485(default RS-232) with auto flow control 4 x RS485 ± 2KV protection 1 x RS232
USB Ports	4 x USB3.1
LAN	2 x RJ45
Video Ports	1 x HDMI up to 4096 x 2160 @ 24 Hz

Internal I/O	
Expansion Slot	1 x Mini-PCIE slot (PCIe/ USB2.0 / mSATA signal supported)
SIM Card	1 x SIM Card socket for 3G/4G module
USB	2 x USB2.0 encryption dongle (optional by internal pin head )
GPIO	1 x 4bit programmable GPIO (default 3.3V, 5V optional) (optional by internal pin head )
Mechanical	
Button	1 x Power button (with LED)
LED	1 x Power LED 1 x HDD LED
Chassis	Aluminum Alloy
Mounting	Desk-Mount, Wall-Mount
Dimension (W x H x D)	200 x 130 x 44 mm
Weight (Net)	1.5kg
Environmental	
Operating Temp.	-20 ~ 60°C
Storage Temp.	-40 ~ 85°C
Operating Humidity	5% ~ 95% (non-condensing)
Vibration	5~500Hz, 2Grms operation
Shock	Operation: 10G@11ms Non-operation: 30G@11ms

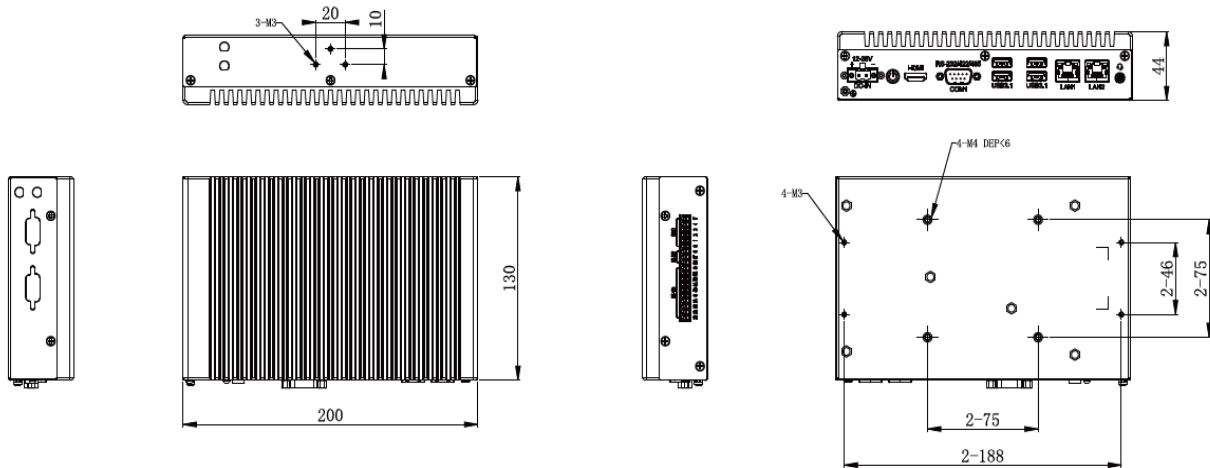
\*CTOS means Configure-to-Order Service.

All specifications are subject to change without notice.



# SB-226-1J64

## Dimensions



## Ordering Information

SB-226-1J64-R4S128 Fanless System with 4GB RAM & 128GB SSD, Intel Celeron Elkhart Lake J6412, 2xLAN, 6xCOM, 4xUSB (up to 6), 1xHDMI, DC12-36V power input



AC-DC Power Adapter (US) Input : 100V-240V, Output : 12V/5A; W/2-pin Terminal Block with screws, US Plug

AC-DC Power Adapter (EU) Input : 100V-240V, Output : 12V/5A; W/2-pin Terminal Block with screws, EU Plug

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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