

ASB200-919 SBC Fanless System

Slim system with IB919 3.5" Disk-Size SBC



Rear I/O

Preliminary

Features

- Fanless system with IB919 3.5" Disk-Size SBC
- Onboard 8th Gen Intel® Core™ U-Series Processor
- 2x DDR4 SO-DIMM, Max.=32GB
- Supports 2x M.2 sockets (E-Key, CNVi / M-Key, NVMe)
- Dimensions 180mm(W) x 150mm(D) x 46.5mm(H)
- 2x DP (1 by Type-C), TPM(2.0)
- 1x COM ports, External GPIO
- 4x USB3.1, 2x Intel® Gigabit LAN
- 12V~24V DC-in Power Input
- Operating temperature 0°C~45°C (32°F~113°F)
- Optional VESA Mount bracket

Specifications

System Mainboard	IB919AF-8665/ IB919AF-8365/ IB919EF-8145/ IB919EF-4305
CPU Type	Intel® Core™ i7 8665UE Processor Intel® Core™ i5 8365UE Processor Intel® Core™ i3 8145UE Processor
Memory	2x 8GB DDR4-2666 SO-DIMM, Max.32GB
System Speed	up to 4.4GHz
Construction	Aluminum & steel
Chassis Color	Black
Front Panel External I/O	4x USB 3.1 2x DP (1 by Type-C, 1 by USB 3.1) 1x DB9 for COM#1 (RS232/422/485) 2x LAN
Rear Panel External I/O	1x Power button 1x Digital I/O (4-in/4-out) 2x Antenna holes 1x HDD LED 1x 3-pin DC-in terminal block for 12V~24V
Internal Expansion	2x M.2 (E-Key, M-Key)
Mounting	Desktop or wall mount (wall mount kit included) Optional VESA mount kit
Dimensions	180mm(W) x 150mm(D) x 46.5mm(H) 7.08" (W) x 5.9" (D) x 1.83" (H)
Weight	1.5kg
Operating Temperature	0°C~45°C (32°F~113°F)
Storage Temperature	-20°C ~80°C (-4°F~176°F)
Relative Humidity	5%~90%@45°C (non-condensing)

Vibration	Operating: 3Grms / 5~500Hz
Certification	CE/LVD/FCC Class B

Ordering Information

ASB200-919-i7	Fanless chassis with IB919AF-8665, Intel® i7-8665UE 1.7GHz CPU, 1x COM, 2x 8GB DDR4 memory, 1x M.2 2280 SATAIII 64GB MLC SSD (W/O 90W power adaptor and VESA mount bracket)
ASB200-919-i5	Fanless chassis with IB919AF-8365, Intel® i5-8365UE 1.6GHz CPU, 1x COM, 2x 8GB DDR4 memory, 1x M.2 2280 SATAIII 64GB MLC SSD (W/O 90W power adaptor and VESA mount bracket)
ASB200-919-i3	Fanless chassis with IB919EF-8145, Intel® i3-8145UE 2.2GHz CPU, 1x COM, 2x 8GB DDR4 memory, 1x M.2 2280 SATAIII 64GB MLC SSD (W/O 90W power adaptor and VESA mount bracket)
ASB200-919-CEL	Fanless chassis with IB919EF-4305, Intel® Celeron 4305UE 2.0GHz CPU, 1x COM, 2x 8GB DDR4 memory, 1x M.2 2280 SATAIII 64GB MLC SSD (W/O 90W power adaptor and VESA mount bracket)
90W power adaptor (optional)	90W (24V@3.75) power adaptor, DC-jack or bare wire typ Compatible with IEC62368-1/EN62368-1
Optional Accessories	Wifi antenna kit [PN: SC2ASB2----0A1100R]

ASB200-919

SBC Fanless System

Slim System with IB918 3.5" Disk-Size SBC

Comparison of ASB Series System Width

7.08-inch (180mm)



ASB200-916

7.08-inch (180mm)



ASB200-919

9.44-inch (240mm)



ASB200-918

Comparison of ASB Series System Height

1.65-inch (42mm)



ASB200-918

1.83-inch (46.5mm)



ASB200-919

2.6-inch (66mm)



ASB200-916

Dimensions and Drawing

