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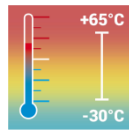


# Datasheet

## iBASE

### CSB200-818

Fanless Embedded Box PC with Intel® Apollo Lake  
Atom™ E3930, Pentium® N4200 and Celeron® N3350 Processor



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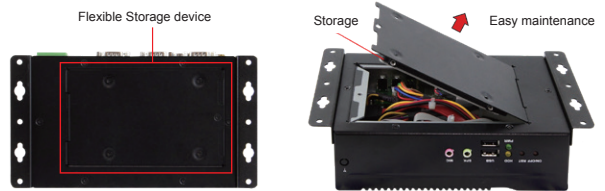
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### Features

- Fanless system with IBASE IB818 3.5" Disk-Size SBC
- Supports Intel® Atom™ processors E3930 & Pentium® N4200/ Celeron® N3350 Series
- **Wide-range operating temperature from -30°C to 65°C**
- 12V~24V DC wide-range power input
- Wall mount kit included



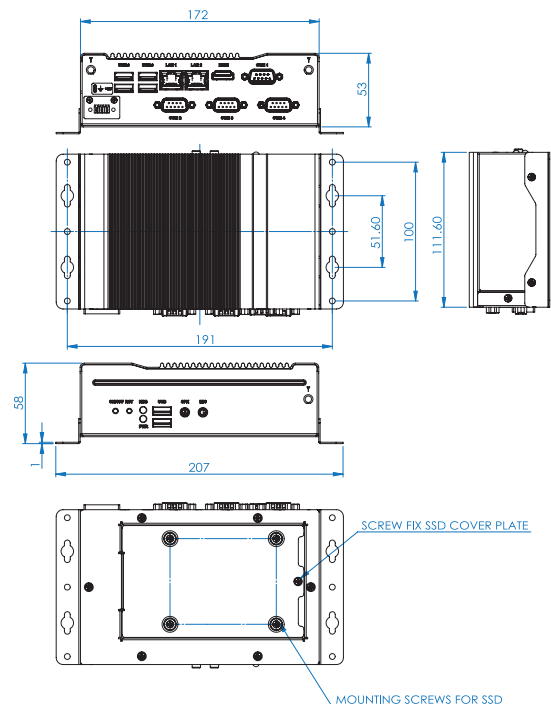
### Specifications

System Mainboard	IB818
CPU Type	Intel® Atom™ processors E3930 & Pentium® N4200/ Celeron® N3350 Series
System Speed	Up to 2.5GHz
Memory	1x 4GB DDR3L-1866 SO-DIMM, Max. 8GB
Construction	Aluminum & steel
Chassis Color	Black
Front Panel External I/O	1x Power LED 1x HDD LED 1x Power button 1x Reset button 2x USB 2.0 ports 1x Line-out, 1x Mic-in
Rear Panel External I/O	4x USB 3.0 port 1x HDMI 1x RS232/422/485 port for COM#1 3x RS232 ports for COM#2/COM#3/ COM#4 2x RJ45 Gigabit Ethernet port 1x 3-pin DC-in terminal block type for 12-24V
Expansion slots	1x Full-size Mini PCI-E socket (USB 2.0 + SATA) 1x Half-size Mini PCI-E socket (USB 2.0)
Storage	1x 2.5" HDD or SSD (Removable)
Mounting	Desktop or wall mount (wall mount kit included)
Dimensions	172mm (W) x 111.6mm (D) x 53mm (H) 6.77"(W) x 4.39"(D) x 2.09"(H)
Weight	1.1kg
Operating Temperature	-30°C~65°C (22°F~149°F) *With Air flow
Storage Temperature	-40°C ~ 85°C (-40°F~185°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	Operating: (with IEC 60068-2-64) 1.0 gms / 5~500Hz / random operation Non-Operating:(with IEC 60068-2-64) 2.0 gms / 5~500Hz / random operation
Shock	Operating : 20G/11 ms Duration (with MIL-STD-810G) Non-operating: 30G/11 ms Duration (with MIL-STD-810G)
Certification	CE / LVD / FCC Class B

### Ordering Information

CSB200-818-I30	Fanless system w/ Intel® Atom™ E3930, 4x COM, 1x 4GB DDR3L memory industrial-grade, 1x 2.5" 64GB MLC industrial-grade SSD, w/o power adaptor
CSB200-818-420	Fanless system w/ Intel® Atom™ N4200, 4x COM, 1x 4GB DDR3L memory, 1x 2.5" 64GB MLC industrial-grade SSD, w/o power adaptor
CSB200-818-335	Fanless system w/ Intel® Atom™ N3350, 4x COM, 1x 4GB DDR3L memory, 1x 2.5" 64GB MLC industrial-grade SSD, w/o power adaptor
60W power adaptor (Optional)	60W (12V@5A) power adaptor, DC-jack or bare wire type

### Dimensions and Drawing



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