

# ASUS IoT EBS-S300W

Fanless embedded computer with Intel® Atom® processor for industrial environments

## Features

- Intel® Atom® CPU
- DDR4 3200MHz SODIMM, up to 32GB
- Enhanced connectivity options (5G/LTE/Wi-Fi/BT)
- 2x GbE, 6x USB and 6x COM ports
- Operating temperature: -40 ° ~ 60 °C



## ASUS IoT EBS-S300W - Compact and fanless embedded PC for AIoT applications

The ASUS IoT EBS-S300W is a groundbreaking system powered by the Intel® Atom® x6000E series and specifically designed as a fanless embedded computer. This innovative solution offers efficient cooling thanks to its fanless thermal design. It is the perfect choice for manufacturers looking for reliable and powerful solutions for AIoT applications.

### Rich I/O interfaces for ultimate connectivity

This appliance provides an impressive set of I/O interfaces, including up to 6x COM ports and 6x USB ports. This variety of interfaces enables seamless integration with various peripherals, making it a highly versatile solution. With the ability for display configuration via HDMI/DP interfaces, the ASUS IoT EBS-S300W offers a wide range of connectivity options. This flexibility allows businesses to customize and scale their applications according to their individual requirements.

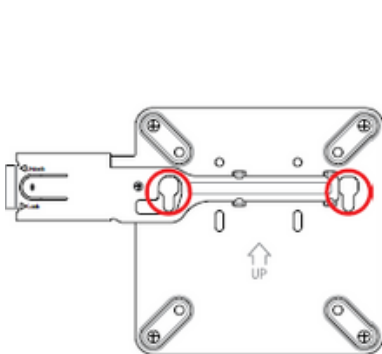
### Front I/O



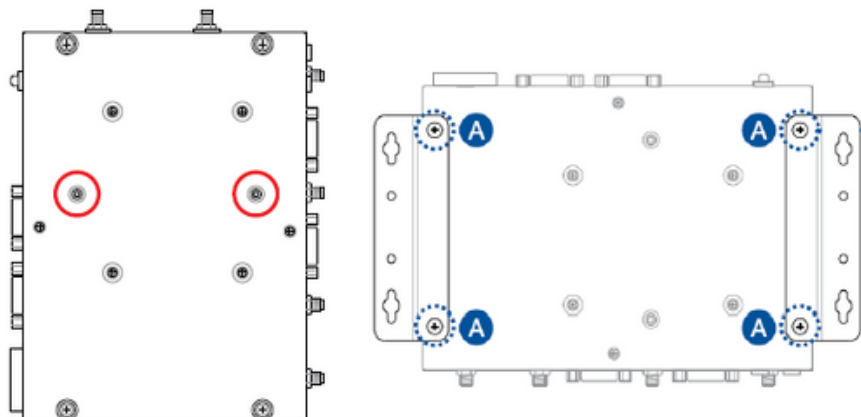
### Rear I/O



### VESA mount



### Wallmount



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Specifications	ASUS IoT EBS-S300W
<b>SYSTEM</b>	
CPU	Supporting Intel® Atom® CPUs - Intel® Atom® x6425E - Intel® Atom® x6413E - Intel® Atom® x6211E
RAM	Up to 32 GB DDR4 3200 MHz (one SODIMM slots)
TPM	Supports PTT TPM v2.0 powered by Nuvoton NCPT 750 (optional)
Watchdog	Yes (sw)
Storage	1x SATA Gen 3.0 up to 6GB/s
Expansion	1x M.2 2230 E-Key (USB 2.0, PCIe) supports Wi-Fi/BT module 1x M.2 2280 M-Key (SATA, PCIe x2) supports M.2 SSD/PCIe 1x M.2 3043/3053 B-Key (USB 2.0) supports LTE
Operating System	Windows 10 IoT Enterprise Ubuntu
<b>INTERFACE</b>	
Ethernet	2x Gigabit Ethernet port by Intel® I210-IT
USB	4x USB 3.2 Gen 2 with type A connector 2x USB 2.0 with type A connector
COM	2x COM: RS-232/ 422/ 485 ports 4x COM: RS-232 ports
Video	1x HDMI 2.0 port, supports a resolution of up to 4K x 2K @ 60Hz 1x DisplayPort++ 1.2 port, supports a resolution of up to 4,096 x 2,160 @ 60Hz
Audio	1x mic-in and line-out
Power	1x Phoenix connector (2-pin)
<b>ENVIRONMENTAL</b>	
Power Supply	DC input: 9 to 36V DC
Operating Temperature	Standard: 0° ~ 60°C Extended: -40° ~ 60°C
Storage Temperature	-40° ~ 85°C
Humidity	10 ~ 90% , non-condensing
Dimensions	186 (W) x 135 (D) x 80 (H) mm
Weight	2.9 kg
Mounting	Wall-mount VESA (optional)
Certifications	CE (ITE), FCC, VCCI, BSMI, RCM, CB, UL, CE LVD, CCC, BSMI, GA (RoHS)