

EBS-S510W: Fanless Embedded Computer



Powered by Intel® Core™ Ultra 200U Series Processor

ASUS IoT [EBS-S510W](#) is a fanless embedded computer powered by the Intel® Core™ Ultra 200U Series Processor, designed for efficient edge AI performance with low power consumption. It supports up to 64GB DDR5-6400 SO-DIMM memory and provides flexible display options via HDMI, DisplayPort, and USB-C. For robust connectivity, EBS-S510W features rich I/O including USB 3.2 Gen 2, COM ports, and dual LAN, alongside versatile expansion through three M.2 slots supporting LTE/5G, WiFi 6E, and Bluetooth 5.2. With a wide 9–36V DC power input and an operating temperature range of -20°C to 60°C, EBS-S510W is built for reliability in harsh industrial environments. It is especially suitable for applications in edge AI, smart retail, industrial control, AMR/AGV systems, and real-time data-processing scenarios.

Key Features



Supports Dual
Displays



Low Power
Consumption



Robust
Connectivity



Wide
Temperature
Range

Intel Products & Technology



[Intel® Core™ Ultra Processors](#)



[OpenVINO™ Toolkit](#)

[Intel vPro®](#)

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