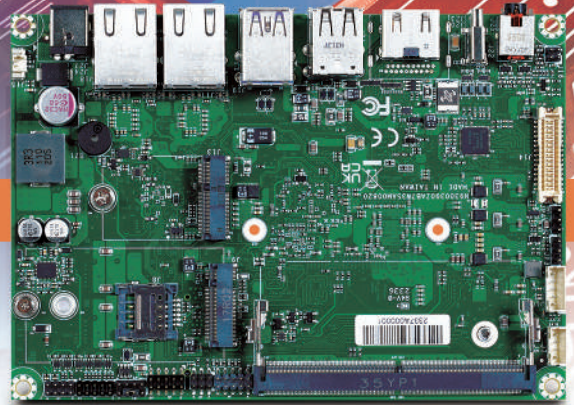


W35-ASL00 Industrial 3.5" SBC

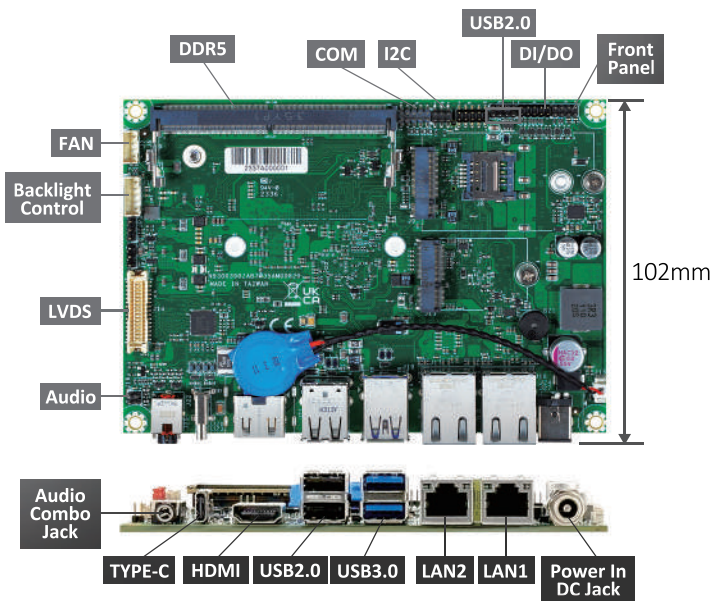
with Intel 8-Core Performance at Ultra-Low 12W Power

Flexible Power Input

UNIT:mm



Rich I/O Connectivity



Intel Atom® Processors x7000RE Series

DDR5-4800 SO-DIMM 8GB/16GB (option)

Support Type-C, 2x USB3.0, 2x USB2.0, Audio,
2x 2.5GbE, HDMI, DP, eDP or LVDS

Support multi I/O: 8 Digital I/O,
1x I2C, 1x RS-232/422/485bus

Support expansion M.2 B key 3042/3052
with Nano SIM, and M.2 E Key 2230 (USB2.0 / PCIe x1)
M.2 M Key 2242/2280(SATA3.0 / PCIe x2)

W35-ASL00



Compact yet Expandable



Small Size, Big Power

A compact 3.5-inch form factor packed with powerful computing and high-speed connectivity.



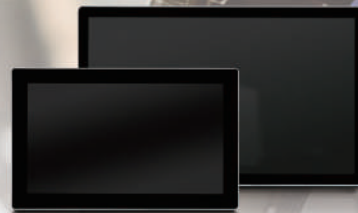
Ultimate Connectivity Hub

USB, HDMI, Type-C, and 2.5GbE networking, seamlessly handling video, data, and communication.



Limitless Expansion

M.2 slots support 4G/5G modules and SSD expansion, making future upgrades effortless!



LVDS support for
PPC & HMI applications



HDMI/DP version support
for Embedded Systems

WSB-ASL30 Series

Fanless 3.5" Embedded System with Intel 8-Core CPU
for -20°C to 50°C Environments

-20°C



+50°C

Specification

Processor	Intel® Amston Lake x7000RE Series	Protection Level	IP30
Memory	DDR5 SO-DIMM 8GB/16GB (option)	Dimensions	165mm x 115mm x 53mm
Storage Device	M.2 M Key 2242/2280 SATA, up to 2TB	Operating Temperature	-20 ~ 50°C (requires airflow)
Display Output	1x HDMI, 1x DP, 1x USB-C DP (Triple Displays)	Storage Temperature	-40 ~ 85°C
Network Interface	2x 2.5GbE (Intel® I226-IT)	Shock Tolerance	15G (DIN Rail)
USB Interface	2x USB 3.0, 2x USB 2.0, 1x USB Type-C	Vibration Tolerance	1G rms (DIN Rail)
Expansion Slots	1x M.2 M Key (SSD), 1x M.2 E Key (WiFi/BT), 1x M.2 B Key (4G/5G)	Power Input	9-36V DC DC Jack w/ Lock or 4-pin Connector

Ordering Guide

Model	Description
WSB-ASL30-1120-X111	WSB-ASL30-x7211RE. 3.5" BOX PC, Intel® Amston Lake x7211RE(2C, 6Watts). w/DDR5 SO-DIMM 8GB/ M.2 SSD 128G
WSB-ASL30-1120-X311	WSB-ASL30-x7433RE. 3.5" BOX PC, Intel® Amston Lake x7433RE(4C, 9Watts) . w/DDR5 SO-DIMM 8GB/ M.2 SSD 128G
WSB-ASL30-1120-X422	WSB-ASL30-x7835RE. 3.5" BOX PC, Intel® Amston Lake x7835RE(8C, 12Watts) . w/DDR5 SO-DIMM 16GB/M.2 SSD 256G

IoT Devices

Low power design, suitable for remote monitoring.

Smart Transportation

Can be embedded in automotive and smart transportation applications.

Embedded Industrial Equipment

For industrial control applications with limited space.



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