

ACS-500

11th Gen. Intel Core i Industrial Box PC



Features

- 11th Gen. Intel Core i Processor
- Fanless Design
- 2 x 260-pin DDR4 SO-DIMM up to 64GB 3200MHz
- Dual expansion slot with M.2 E key for WiFi/BT function, mPCIe for other IO expansion
- DP/HDMI I/O port for Video Display
- 1 x M.2 2280 M key SSD support PCIe x4/ SATA3.0 Support NVME SSD
- Wide Range DC 9~36V Input

Specifications

System

CPU	11th Gen. Intel Core i5/i3 Processor i5-1145G7E (4C, 1.5GHz, up to 4.1GHz, TDP-up 28W) i3-1115G4E (2C, 2.2GHz, up to 3.9GHz, TDP-up 28W)
System Chipset	SoC
System Memory	2 x 260-pin SO-DIMM up to 64GB DDR4 3200MHz
TPM	TPM 2.0

I/O Interface

USB	4 x USB 3.0 Type A
Serial/Parallel	1 x DB-9 connector, including: * 1 x RS-232(RTS, Rx, Tx, CTS), pin1 RTS/5V/12V selectable via jumper (COM1) * 1 x RS-232(Tx, Rx)/422/485(COM2) by Y Cable
LAN	1 x 1GbE, 1 x 2.5GbE LAN RJ-45
Audio	1 x Line-out
Display	1 x DP/HDMI
Power Connector	1 x 3-pin Terminal Block Connector 1 x 2-pin Power Switch Connector

Storage Space

Storage	1 x M.2 M-Key 2280 (Support PCIe/SATA3)
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Expansion

On Board Expansion	1 x Mini-PCIe slot (full size) 1 x M.2 E-key for Wi-Fi/Bluetooth Module 1 x Nano SIM slot
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Power

Power Input	DC 9~36V
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Mechanical

Construction	Aluminum Chassis
Mounting	Panel Mount, VESA 100x100
Dimensions	252.7 x 158.7 x 36 mm (without wall mount bracket)
Net Weight	TBD

Environmental

Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	CE/FCC Class A

Box PC

All specifications and photos are subject to change without notice.

Sistemi Avanzati Elettronici S.r.l.

Via Marconi, 11D - 13836 Cossato (BI)

+39 015 983206 | info@sisav.it | www.sisav.it

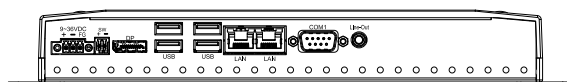
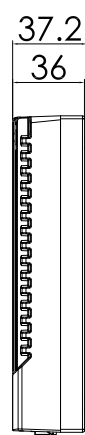
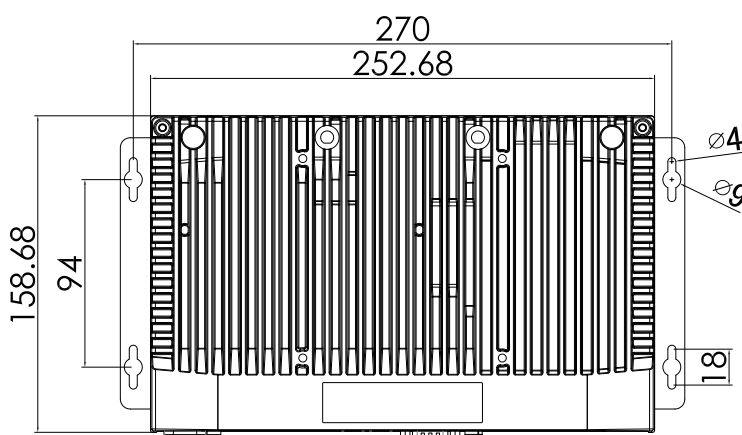
Industrial Panel PC

HMI Cotroller

Industrial
Display Monitor

Box PC

Dimensions



UNIT: mm
Tolerance: ± 0.5

Operating System Support

Windows 10 IoT, Windows 11

Ordering Information

ACS-500

Intel 11th Gen. Core i3-1115G4E/i5- 1145G7E, 2 x DDR4 slot,
1 x M.2 2280 SATA slot, 1 x M.2 E key slot, 9~36VDC input with adapter,
Aluminum chassis.

V 1.1

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