

ADX643-EHTL

Embedded DIN-Rail Computer



Specifications

- Intel® Core™ i3/i5/i7 11th Generation:

Intel® Core™ i3-1115GRE 2.2GHz

Intel® Core™ i7-1185GRE 1.8GHz

Memory

- 1x 260-pin SO-DIMM socket
- Supports up to 32GB DDR4 unbuffered, None ECC

Chipset

- Intel SoC Integrated

Graphic

- Integrated in CPU Intel® Iris Xe / UHD Graphics
Support DirectX 12.1, OpenGL 4.6, OpenCL 2.0
- Video ports: 1x HDMI
- HDMI: resolution up to 4096x2304 @ 60Hz

Ethernet

- 1x Intel® i219-LM Gigabit Ethernet Controller
- 3x Intel® i225-IT 2.5 Gigabit Ethernet Controller

Storage / Drive Bays / Slots

- 1x 2242 M.2 Key-M (PCIe x4 / SATA) NVME Slot

Expansion Slots

- 1x 3042 M.2 Key-B (PCIe x2 / USB 2.0 / USB 3.0) Slot

Front I/O

- 1x HDMI, 4x RJ45 LAN, 3x USB 3.0, 2x USB 2.0
- 2x DB9 RS232/422/485, 1x Nano-SIM Card Slot
- Optional: 1x 8-bit DIO

Other Internal Connectors / Functions

- Pre-installed Hailo-8™ AI Accelerator (Occupied M.2 3042 Key-B Slot)

Power Input

- Power input: 12V Power Jack connector
- Optional: External Power Adapter 110/240V AC to DC 60W

Mechanical / Cooling

- Fanless Design, Metall chassis
- Optional Mounting: VESA Mounting, DIN-Rail Mounting
- Power / Reset Button in front

Dimensions

- Dimension (W x H x D mm): 141 x 71.9 x 111.2 mm
- Weight: 1.25 kg

System & Environment

- Operating Temperature: -20°C to 60°
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 95%, non-condensing

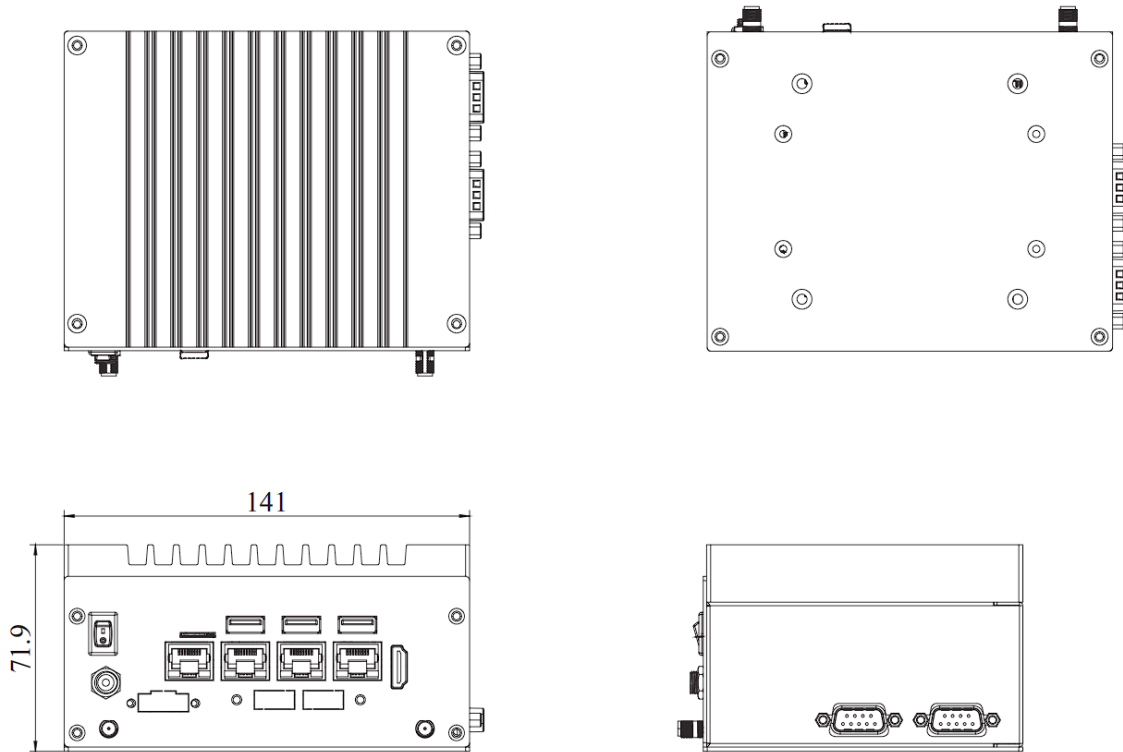
Certifications

- CE / FCC

Operating System Support

- Windows 10 IoT LTSC / Windows 11 IoT / Linux OS

Dimension



Optional Accessories

- 01- VESA Mounting Kit
- 02- DIN-Rail Mounting Kit

Ordering Information

ADX643-EHTL-i3	Embedded DIN-Rail System, Intel 11th Gen Core i3-1115GRE CPU, Up to 32GB DDR4, 4xLAN, 2xCOM, 5xUSB, Hailo-8, 12VDC-in, -20..60C
ADX643-EHTL-i7	Embedded DIN-Rail System, Intel 11th Gen Core i7-1185GRE CPU, Up to 32GB DDR4, 4xLAN, 2xCOM, 5xUSB, Hailo-8, 12VDC-in, -20..60C