

# ADX642-EH00

## Embedded DIN-Rail Computer



### Specifications

- Intel® Elkhart Lake Atom / Celeron CPU:

Intel® ATOM x6413E 2.7GHz

Intel® Celeron J6412 2.6GHz

#### Memory

- On Board 8GB LPDDR4 unbuffered, None ECC

#### Chipset

- Intel SoC Integrated

#### Graphic

- Integrated in CPU Intel® UHD Graphics  
Support DirectX 12, OpenGL 4.5, OpenCL 2.x
- Video ports: 2x HDMI
- HDMI: resolution up to 4096x2304 @ 60Hz

#### Ethernet

- 2x Intel® i226-IT 2.5 Gigabit Ethernet Controller

#### Storage / Drive Bays / Slots

1x 3042/2242 M.2 Key-B (SATA / USB 2.0 / USB 3.0)

#### Expansion Slots

- 1x Mini PCIe (USB 2.0 / PCIe) Slot

#### Front I/O

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

#### Other Internal Connectors / Functions

- Pre-installed Hailo-8™ AI Accelerator (Occupied Mini PCIe Slot)

#### Power Input

- Power input: 9-24V Power Jack connector
- Optional: External AC/DC 12V Power Adapter

#### 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): 145 x 71.9 x 111.2 mm
- Weight: 1.36 kg

#### System & Environment

- Operating Temperature: -20°C to 60°C | x6413E; 0°C to 60°C | J6412
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 95%, non-condensing

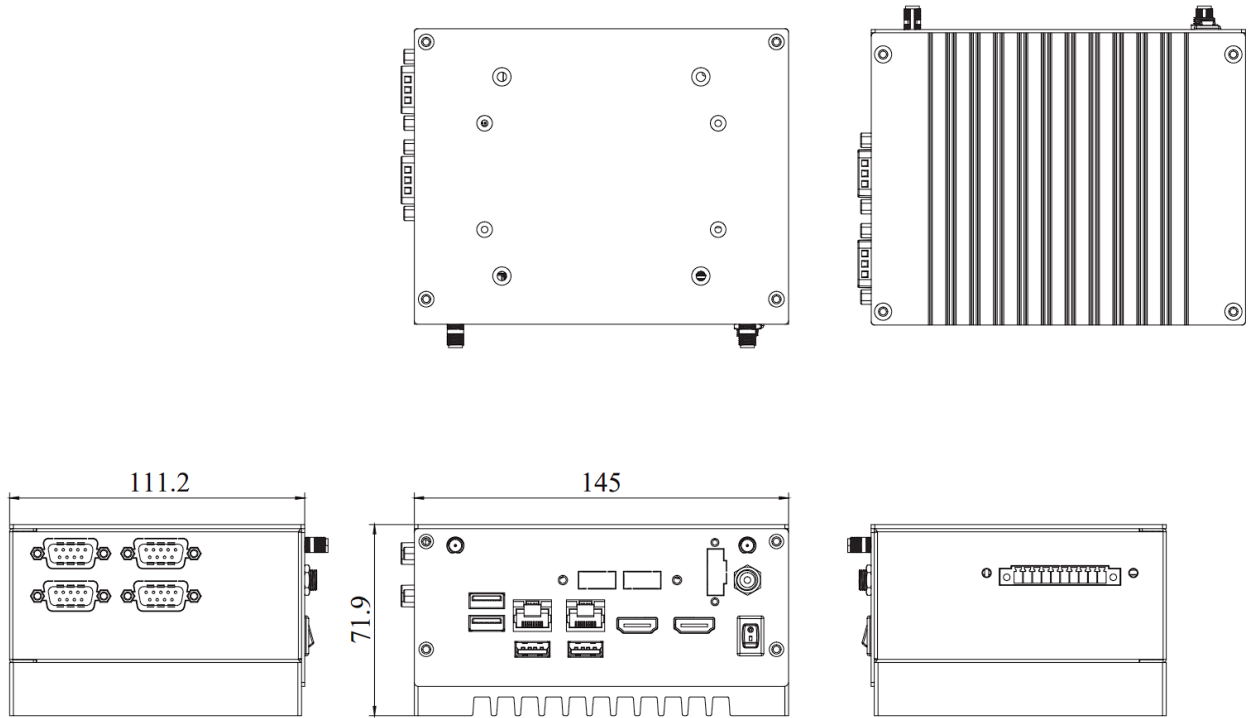
#### Certifications

- 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

ADX642-EHA6	Embedded DIN-Rail System, Intel Elkhart Lake Atom x6413E CPU, 8GB LPDDR4, 2xLAN, 4xCOM, 6xUSB, Hailo-8, 9-24VDC-in, -20..60C
ADX642-EHC6	Embedded DIN-Rail System, Intel Elkhart Lake Celeron J6412 CPU, 8GB LPDDR4, 2xLAN, 4xCOM, 6xUSB, Hailo-8, 9-24VDC-in, 0..60C