IKS 614A

Main Features

- On-board 6th Gen. Intel® Skylake-U processors
- Support two DDR4 SO-DIMM socket. 32GB Max.
- Support multiple display from DP and HDMI
- 2 x GbE LAN, 4 x COM, 4 x USB 3.0& 3 x USB 2.0
- Low profile fanless box
- DC input +12V
- Expansion : M.2 (for Key-M, 2280), mini-PCIe (F/S)

Product Overview

IKS 614A is fanless box PC based on multi-core Intel® Skylake-U processor. IKS 614A operates temperature range from 0°C to 50°C with low power consumption at 15W TDP. This fanless box is aimed at embedded applications for outdoor or semi-outdoor environment. Such as kiosk, small smart equipment, outdoor systems installed in harsh environments, home automation and thin clients…etc.

It is low profile designed in a compact chassis, 289.3mm (W) x 189mm (D) x 39.5mm (H), with smart airflow. IKS 614A support two DDR4 SODIMM. Also, it offers display outputs of DP and HDMI. The flexibility of modularized selection meets different application in the field.

Specifications

CPU Support
- 6th Gen. Intel® Core™ Celeron® 3955U dual core 2.0GHz processor, 15W TDP

Main Memory
- 2 x 260-pin SODIMM sockets support up to 32GB DR4 2133 SDRAM, non-ECC, un-buffered memory

Front I/O Interface
- ATX power on/off button
- 1 x USB 2.0

Rear I/O Interface
- 2 x GbE controller
- 4 x USB 3.0
- 1 x Display port (4096 x 2304@60Hz)
- 1 x HDMI (4096 x 2160@60Hz)
- 4 x Serial ports (3 x RS232, 1 x RS232/485/422 by COM1)
- 1 x Line-out
- 1 x DC power jack

Storage Device
- 1 x 2.5" HDD/SSD
- 1 x M.2 M-key (2280)

Expansion
- 1 x mini-PCI express slot (full size, support PCIe/USB interface)

Power Requirements
- Single power input: 12V DC
- Optional 12V, 60W power adapter

Mechanical & Environment
- Operating temperature: 32°F~122°F (0°C~50°C)
- Storage temperature: 40°F~176°F (-40°C~80°C)
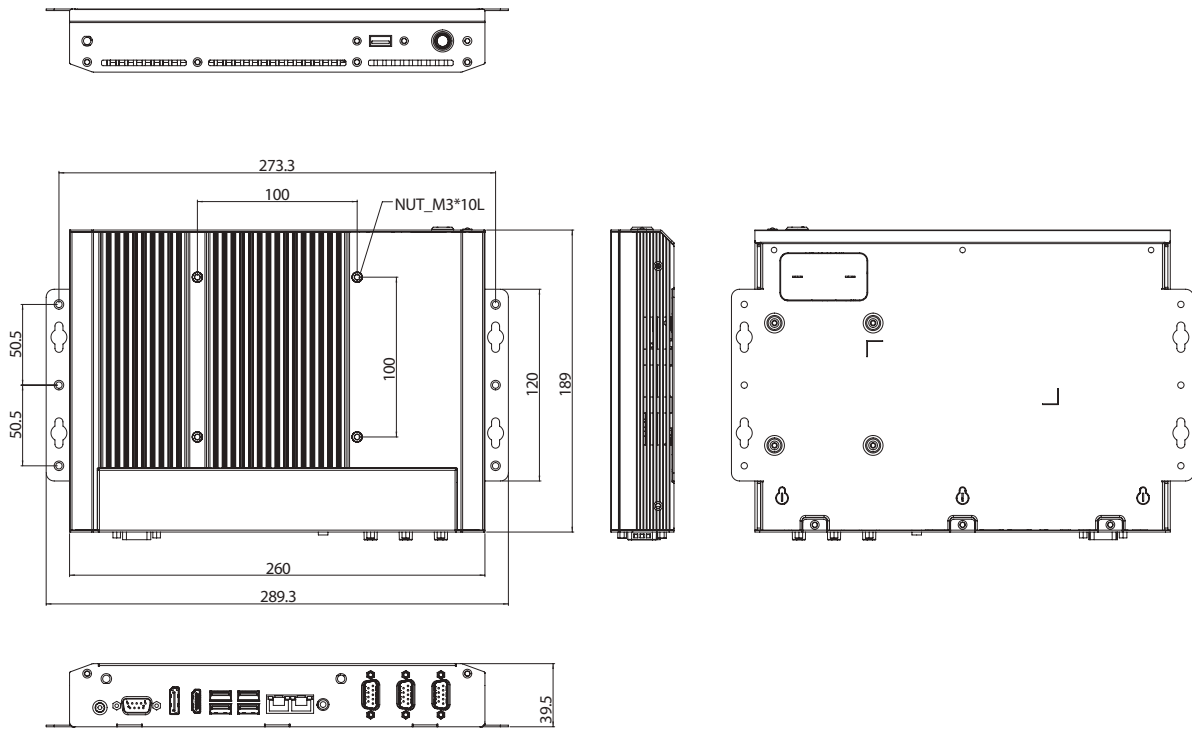- Relative humidity: operating 10%~90%, non-condensing

Dimension
- Display head: 289.3 x 189 x 39.5 (W x D x H) (mm)

Weight
- 1.36kg

Dimension Drawing

273.3
100
NUT_M3*10L
50.5
50.5
100
120
189
260
289.3
39.5

Operating System
• Windows 10 64-bit
• Windows 8.1 64-bit
• Windows 7 32/64-bit
• Linux Fefora

Certificate
• EMC & Safety
• CE/FCC Class A

Ordering Information

Barebone

• **IKS 614A-3955U (P/N:10IK0061400X0)**
  On-board 6th Intel® Skylake-U 3955U MCP, w/DP and HDMI,
  2 x Gigabit LAN, 4 x USB 3.0, 4 x Serial port
  12V, 60W power adapter w/o power cord (P/N: 7400060028X00)