



Main Features

- ♦ On-board Intel® Celeron® N3060 processor
- ♦ Support one DDR3L SO-DIMM, up to 8GB
- ♦ Support multiple display from VGA and DVI-D
- ♦ DC input 12V
- ♦ Fanless design
- ♦ LAN x 2, USB 3.0 x 4, USB 2.0, COM x 5
- ♦ Expansion : F/S mini-PCIe, M.2 (M key)

Product Overview

IKS 621A is fanless box PC based on Intel® Celeron® N3060 SoC (formerly codenamed "Braswell"). IKS 621A operates from 0°C to 50°C with low power consumption. 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, 260mm (W) x 189mm (D) x 39.5mm (H), with smart airflow . IKS 621A supports a maximum memory of 8GB DDR3L SDRAM. Also, it offers display outputs of VGA and DVI-D. The flexibility of modularized selection meets different application in the field.

Specifications

CPU Support

- ♦ Intel® Celeron® N3060 processor, 2C/2T @ 2.48GHz CPU (Burst Mode), 320/600MHz GFX (turbo), ~6W TDP

Display

- ♦ 1 x DVI-D connector (resolution up to 1920x1200@60Hz)
- ♦ 1 x VGA connector (resolution up to 1920x1200@60Hz)

System

- ♦ 1 x DDR3L 1600 MHz SO-DIMM, max. 8GB, non-ECC, un-buffered memory
- ♦ 2 x Realtek PCIe Gb LAN 8111G GbE
- ♦ 5 x Serial ports (4 x RS232, 1 x RS232/485/422 by COM1)
- ♦ Support Realtek HD Audio (Line-out, Mic-in)

Storage device

- ♦ 1 x SATA 6.0Gb/s
- ♦ M.2 M-key (2242/2280) x 1, (default: 2280)

Expansion

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

Power Requirements

- ♦ Single power 12V DC input

Front I/O

- ♦ ATX power on/off button
- ♦ 1 x USB 2.0

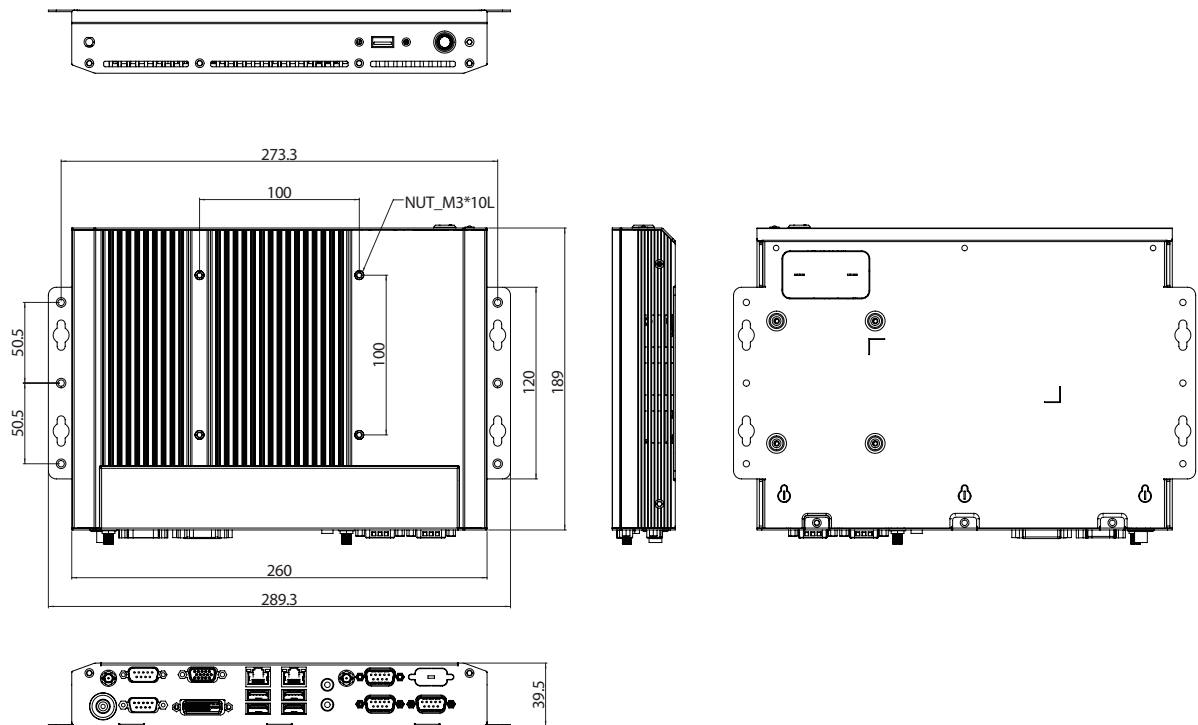
Rear I/O

- ♦ 2 x GbE controller
- ♦ 4 x USB 3.0
- ♦ 1 x DVI-D display output
- ♦ 1 x VGA display output
- ♦ 5 x Serial ports
- ♦ 1 x Dual stack HD Audio jack
- ♦ 1 x Lockable DC power jack

Mechanical & Environment

- ♦ Operating temperature : 0°C~50°C
- ♦ Storage temperature : -20°C~80°C
- ♦ Relative humidity : operating 10%~90%, non-condensing

Dimension Drawing



Dimension

- Display head: 260 x 189 x 39.5 (W x D x H) (mm)
- Package size: 364 x 288 x 170 (W x D x H) (mm)

Weight

- 3.5 kg

Operating System

- Windows 7 32/64-bit
- Windows 10 64-bit
- Linux Fefora

Certificate

- EMC & Safety
- CE/FCC Class A

Ordering Information

Barebone

♦ IKS 621A-N3060 (P/N: 10IK0062100X0)

On-board Intel® Celeron® N3060 processor, w/VGA/DVI-D, 2 x Gigabit LAN, 4 x USB 3.0, 1 x USB 2.0, 5 x Serial port
Include 12V, 60W power adapter w/o power cord (P/N: TBD)