IPS-3050

Intel® Celeron® Processor N3160 Quad Core

Fanless System

Features

- ◎ Intel® Celeron® Processor N3160 Quad Core,1.6GHz
- ◎ 2 x display output:1xHDMI display+1xVGA port
- ◎ 2 x Realtek GbE LAN,Teaming and PXE
- ◎ 4 x USB 3.0
- ◎ 3 x DB9 for RS232/422/485, 3x DB9 for RS232
- ◎ 1 x Audio line in, 1 x Audio line out
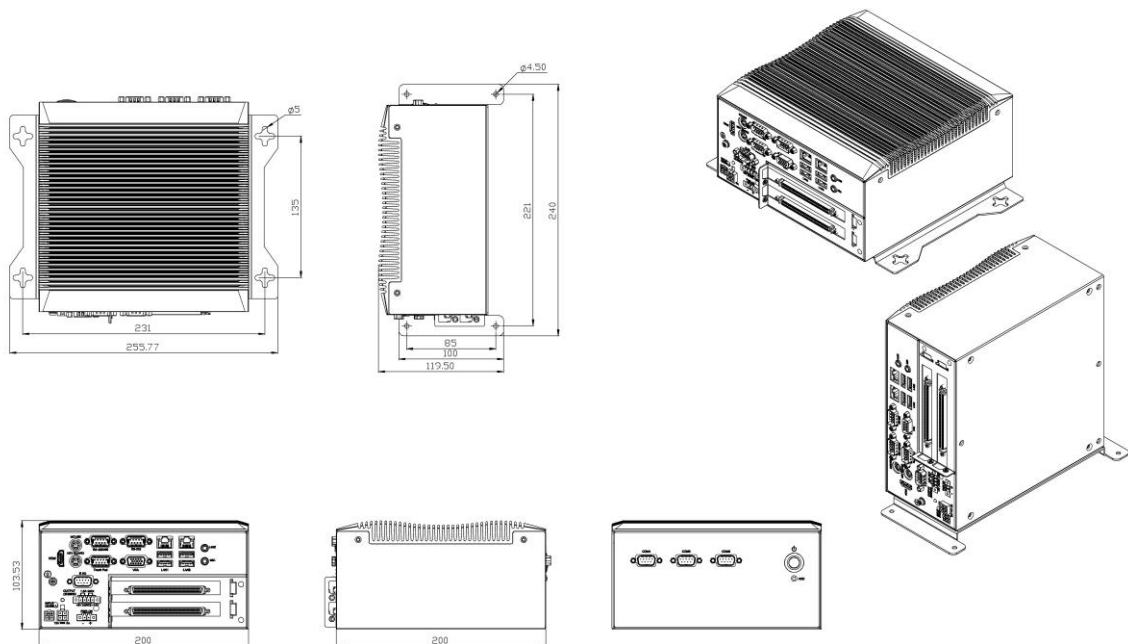- ◎ Support -5˚C to 60˚C extended operating temperature

Introduction

Powered by the latest generation of Intel® Celeron® Processor N3160 Quad Core, 1.6GHz (formerly codenamed "Braswell"), IPS-3050 presents intelligent PC-based controller and IOT gateway for factory automation. Up to 8G DDR3L memory, The IPS-3050 support operating temperature from -5 up to 60 degree C with typical DC input 12&24Vdc. The IPS-3050 has high integration ability with optional Mini-PCIe module and 6 x COM ports which makes it a reliable connection with devices in factory automation applications, IOT applications (with optional Wi-Fi, 3.5G/4G LTE module) and

Specifications

Main System	System Board	Mini-ITX Form Factor , Dimension: 170 x 170 mm
	CPU	Intel® Celeron® Braswell SoC N3160 Quad core processor
	Chipset	Intel® Braswell SoC integrated
	Memory Slots	Dual channel DDR3L 1600 MHz SO-DIMM Support up to 8 GB of system memory
	Onboard Graphic	Intel® Gen8 Intel Graphics
	Audio	High Definition Audio
	LAN	2 x Realtek RTL8111G Gigabit Ethernet
Storage	Drive Bay	1 x mSATA SSD bay
I/O Connectors		1 x VGA, 1 x HDMI, PS/2 KB & PS/2 Mouse
		2 x LAN, 3 x COM(1 x RS232, 2 x RS232/422/485), 4 x USB 3.0
		1 x Audio line in, 1 x Audio line out
		Power switch
Expansion		1 x Mini PCI-Express socket
Power Supply		12V~24V DC-in
Dimension		200mm x 200mm x 103.53mm
Environment		Storage Temperature: -30 ~ 85°C
		Operating Temperature: -5 ~ 60°C
		Relative Humidity: 10%~95%, non-condensing
Vibration		Random : 2Grms @ 5~500 Hz, IEC60068-2-64
		Sinusoidal : 2Grms @ 5~500 Hz, IEC60068-2-6
Certifications		CE approval、FCC Class A

Dimensions Drawing

Optional Accessories

SATA SSD	32GB, 64GB, 128GB
DDR3L RAM	2GB, 4GB, 8GB

Optional OS Installation

Windows Embedded Standard 7 Runtime(WES7)

Ordering Information

IPS-3050	Fanless Low Power PC

Note: All specifications and photos are subject to change without prior notice.