

## Blaze Tech IoT 310

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Extensive support for Industrial Automation, Radar Monitoring System, Mining, Facility Management and Rail applications.



Intelligent Transportation System



Facilities Management



Industrial Automation



Radar Monitoring System



Ship Navigation Equipment



CNC



Mining



Railroad Transportation

## Features

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- Intel® Apollo Lake N3350/N4200/4205 SoC
- HDMI and DP Display
- 3xGigabit Ethernet
- 2xUSB3.0, 2xUSB2.0
- 2xRS232, 2xIsolated RS485
- Wide temperature operation : -20°C~+60°C
- 12V~32V DC-IN
- Fanless slim system, Wall mounting design

With the latest Apollo Lake processor, the 310 series supports faster memory speeds (greater memory bandwidth) and offers over 150% CPU performance and 300% GPU performance compared to other platforms.

<b>CPU</b>	Intel Apollo Lake N3350/N4200/J4205 series SoC
<b>Memory</b>	DDR3L 1600 MHz Capacity - 2GB (up to 8GB)
<b>Display</b>	Chipset - Intel®HD Graphics 505 DP Max. 4096 x 2304 @ 60Hz HDMI Max. 4096 x 2304 @ 24Hz Dual Display - HDMI + DP
<b>Audio</b>	Controller Realtek ALC662, High Definition Audio. Line-out, Mic-in
<b>Ethernet</b>	RTL8111H GbE, support Wake On Lan Intel i210 GbE, support Wake On Lan
<b>Front Panel Connectors</b>	2 x USB3.0 Port 1 x Mic-in 1 x Line-out 1 x TF-Card 1 x Clean CMOS 1 x Power button 2 x RS232 Port 2 x GbE Port
<b>Rear Panel Connectors</b>	1 x GbE Port 1 x HDMI 1 x DP Port 2 x USB2.0 Ports 1 x 12V~32V DC IN 2 x IsolaRS485 Port
<b>Expansion</b>	1 x Full Size for WLAN or WWAN module 1 x USIM for 3G/4G LTE communication
<b>Storage</b>	eMMC 8GB up to 256GB 1 x M.2 2242 SSD 1 x TF Card 1 x SATA3.0 for 2.5" hard disk
<b>Power Supply</b>	12~32V
<b>OS</b>	Windows 10 64Bit, Linux
<b>Physical Characteristics</b>	Dimensions 120 x 100 x 51mm (LxWxH) Weight 0.65 Kg
<b>Environment</b>	Operating Temperature -20°C~60°C, airflow 0.7m/s Storage Temperature -40°C~80°C Relative Humidity 95% @ 40°C ( Non-Condensing) Vibration During Operation - With SSD:3Grms,IEC 60068-2-64,random vibration,5~500 Hz,1hr/axis Shock During Operation - With SSD:30G, IEC 60068-2-27, half sine, 11m duration ESD Contact +/-4 KV, Air +/-8 KV
<b>Certification</b>	CE/FCC/RoHS