## Features

- Intel N3350/4200 CPU
- Slim & Rugged Chassis
- Abundant Inputs/Outputs
- DIN Rail Mountable
- Wide Range DC 9~36V Power Input

## Technical Specifications

### Primary Components

| | |
|---|---|
| Processor Family | Intel Celeron Apollo Lake |
| Processor Model | N3350 Dual Core |
| Processor Speed | Up to 2.4 GHz |
| Memory Type | 1x DDR3L SO-DIMM |
| Memory Support | 4GB, 8GB |
| Storage Type | mSATA |
| Storage Support | 64GB (Standard), up to 256GB (Optional) |

### External I/O Ports

| | |
|---|---|
| USB | 1x USB 2.0, 1x USB 3.0 type C, 2x USB 3.0 (with lock) |
| Serial / Com | 2x COM |
| Serial Protocol Detail | 2x RS-232/422/485 |
| Ethernet / LAN | 2x RJ45 GbE LAN |
| Video Outputs | 1x DisplayPort |
| Power Input Port | 3-Pin DC-In (Phoenix Type) |

### Power

| | |
|---|---|
| Input Voltage Range | 9-36V DC |
| Max Power Consumption | 33W |
| Standard Power Adapter | Optional 12V AC/DC Adapter |

### Operating Systems

| | |
|---|---|
| Windows | Windows 10 IoT, Windows 10 Pro |

### Expansion Slots

| | |
|---|---|
| Expansion Module support | Default expansion: 2 x COM (DB9); Optional expansion requires MOQ - 3 x COM (Terminal Block); 2 x USB 2.0; 16 channel GPIO |
| SD card | 1x Micro SD Slot |

## Thermal & Environmental

| | |
|---|---|
| Operating Temperature | -20°C - 60°C (-4°F – 140°F) |
| Storage Temperature | -40°C - 85°C (-40°F – 185°F) |
| Cooling Solution | Passive – Fanless with Heatsink |
| Humidity Range | 10% – 90% Non-condensing |
| Storage Humidity | 10% – 90% Non-condensing |

## Enclosure

| | |
|---|---|
| Material | Aluminum |
| Color | Black, Gray |
| Led Indicator Light | Power |
| Control Buttons | Power Button |
| Mounting Options | DIN Rail Mount, Wall Mount |

## Peripherals & Wireless Connectivity

| | |
|---|---|
| WiFi | Optional |

## Weight / Dimensions

| | |
|---|---|
| Weight | .78 kg (172.0 lbs) |
| Dimensions | 140 x 120 x 42 mm (5.5 x 4.7 x 1.7 in) |

## Warranty

| | |
|---|---|
| Warranty | Up to 5 Years |

## I/O Diagram Images

## Tech Diagram Images

*All specifications are subject to change without notice.*