



Features

- ◆ Intel® Cherry Trail Atom Z8350 CPU
- ◆ Onboard 2GB DDR3L-1333MHz
- ◆ 1 x HDMI, 1 x LVDS
- ◆ eMMC Onboard 32GB, 1 x TF Card Reader
- ◆ 1 x USB3.0, 3 x USB2.0, 1 x UART TTL
- ◆ 1 x RJ45, WiFi + BT on Board, 1 x SIM Slot

Core System

CPU	Intel® Atom x5-Z8350
Frequency	1.44 GHz (Up to 1.92 GHz)
BIOS	AMI Source Code
Chipset	SOC
System Memory	DDR3L-1333MHz, Onboard 2 GB
GPU	Intel® HD Graphics 400
Graphic Engine	DirectX11, OpenGL4.0 and OpenCL 1.2
Network Controller	Realtek RTL8111F Gigabit Ethernet
Audio	Realtek ALC5672 HD Audio
WiFi+BT on Board	1 x WiFi+BT Module Onboard
Storage	eMMC Onboard 32GB, 1 x TF Card Reader

Ordering Information

NI Z8350UL	CPU: Atom x5-Z8350, RAM: 2GB 1 x HDMI, 1 x LVDS 1 x eMMC 3 x USB2.0, 1 x USB3.0, 1 x UART TTL, 1 x RJ45
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Rear I/O

USB	1 x USB 2.0, 1 x USB 3.0
Display Interface	1 x HDMI (Max. 2560 x 1600@24Hz)
Ethernet	1 x RJ45

Internal I/O

USB	2 x USB 2.0
LVDS	1 x Dual channel 24-bit LVDS (Max. 1920 x 1080@60Hz)
Serial	1 x UART TTL
Mini-PCIe	1 x Full-size Mini-PCIe for 3G/4G
SIM	1 x SIM Slot
TF	1 x TF Card Reader
Power Amplifier	1 x SPEAKER

Mechanical and Environmental

Dimensions	100mm x 72mm
Power Requirement	DC-IN/12V
Operation System	Windows 8.1/10 (64-bit)/Android/Linux
Operating Temperature	0 ~ 60° C (32 ~ 140° F)
Relative Humidity	95% @60° C (non-condensing)

Dimensions and Drawing

