



Features

- ◆ Onboard Intel® Cherry Trail Z8350
- ◆ DDR3L-1333MHz, Onboard, Up to 2GB
- ◆ Supports Two Independent Displays HDMI + LVDS
- ◆ 32GB eMMC
- ◆ 1 x USB3.0, 3 x USB2.0, 1 x RJ45, 1 x RS232, 1 x SIM Slot, 1 x TF Card Slot
- ◆ WiFi + BT on Board

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, Up to 1GB
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	RL-SM02BD-8723BS for WIFI+BT
Storage	8GB eMMC
JAHC (Patented Tech)	1 x Switch, WatchDog Timer, Auto Power On, RTC

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 1200 @60Hz)
Serial	1 x COM
Mini-PCIe	1 x Full-size Mini-PCIe for USB
SIM	1 x SIM Slot
TF	1 x TF Slot
Power Amplifier	1

Ordering Information

NI Z8350UL	CPU: Atom x5-Z8350, RAM:Up to 2G 1 x HDMI, 1 x LVDS 1 x eMMC 3 x USB2.0, 1 x USB3.0, 1 x COM, 1 x RJ45
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Mechanical and Environmental

Dimensions	100 mm x 72 mm
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	0% ~ 90%, non-condensing

Dimensions and Drawing

