

Giada SDM-S Z8350

Intel® Cherry Trail SoM Solution



Features

- Onboard Intel® Cherry Trail Z8350
- Onboard Memory Up to 2GB
- 32G EMMC
- Support Two Independent Displays HDMI+DP
- Fanless Cooler
- SDM Standard I/O
- 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	Intel® SOC Chipset
System Memory	DDR3L 1600MHz, Onboard, Up to 2 GB
GPU	Intel® HD Graphics 400
Graphic Engine	DirectX11, OpenGL4.0 and OpenCL 1.2
Network Controller	Realtek RTL8111F Gigabit Ethernet
WiFi+BT on Board	RL-SM02BD-8723BS for WiFi+BT
Storage	32GB EMMC
JAHC (Patented Tech)	WatchDog Timer, Auto Power On, RTC, IrDA Control

Mechanical and Environmental

Dimensions	109.9 mm x 60 mm
Power Requirement	DC-IN/12V
Operation System	Windows 8.1/10 (64 Bit), Linux
Operating Temperature	0 ~ 60° C (32 ~ 140° F)
Storage Temperature	-40 ~ 75° C (-40 ~ 167° F)
Relative Humidity	0% ~ 90%, non-condensing

Ordering Information

SDM-S Z8350	Chipset:x5-Z8350, RAM:Up to 2G 1 x HDMI (PCIE), 1 x DP (PCIE), 2 x USB2.0, 1 x USB3.0 (PCIE) 1 x COM, 1 x RJ45, 1 x EMMC Operating Temperature: 0°C ~ 60°C
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SDM I/O (PCIe x8 Edge Connector)

USB	1 x USB3.0
Display Interface	1 x HDMI1.4b (Max. 2560 x 1600 @24Hz)
	1 x DP1.1a (Max.4096 x 2304 @60Hz)
Serial Port	1 x COM

Rear I/O

USB	2 x USB2.0
Ethernet	1 x RJ45

Internal I/O

IrDA	Support
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Dimensions and Drawing

