

# Giada F210U

Fanless Small System with Intel® Atom CPU for Cloud Terminal and Digital Signage



## Features

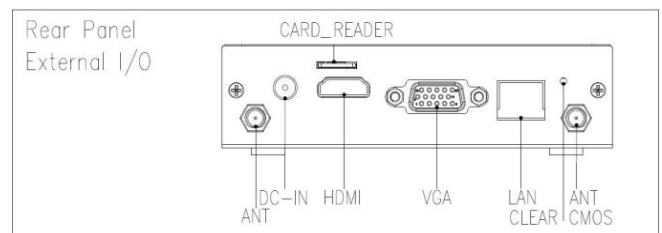
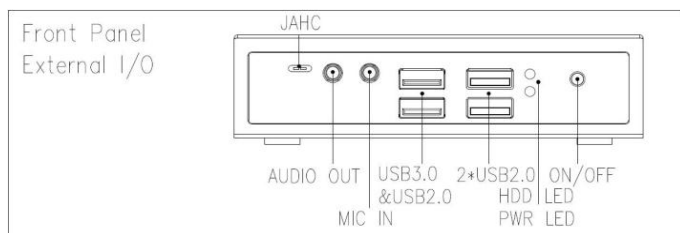
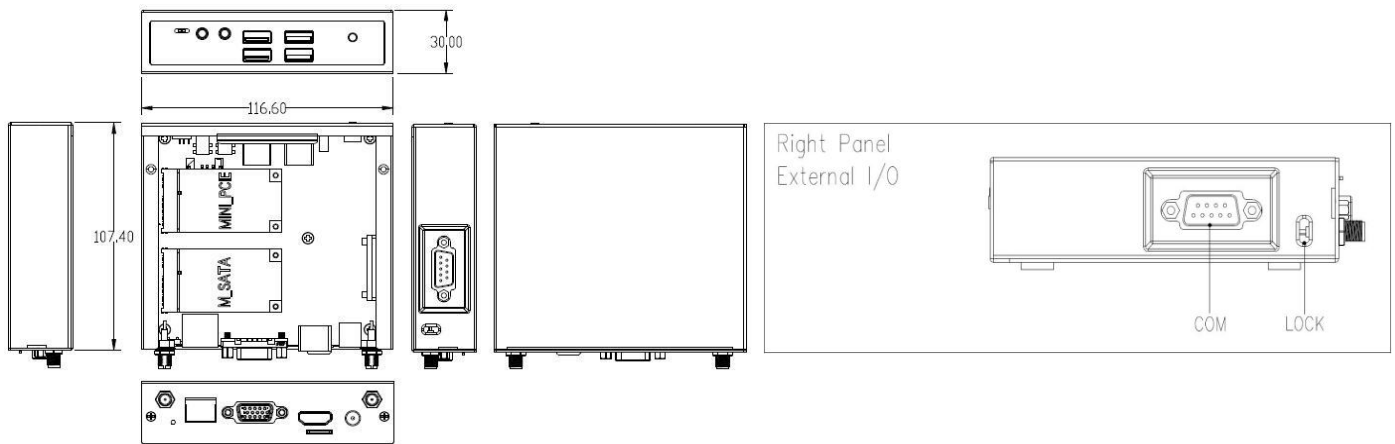
- ◆ Intel® Cherry Trail Processors
- ◆ Onboard 2GB/4GB DDR3L Memory
- ◆ Support Two Independent Display HDMI+VGA
- ◆ eMMC Onboard 32/64GB, 1 x TF Card Reader
- ◆ 1 x USB3.0, 3 x USB2.0, 1 x RS232
- ◆ 1 x RJ45, 1 x Mini-PCle for WiFi/BT/3G/4G, 1 x SIM Slot

## Specifications

RoHS CE FCC CCC

		F210U-BY230	F210U-BY460
Processor	CPU	Intel® Atom x5-Z8350	
	Frequency	1.44 GHz (Up to 1.92 GHz)	
	BIOS	AMI Source Code	
	Chipset	SOC	
Memory	Type	DDR3L-1600MHz	
	Socket	Onboard	
	Max Size	2GB	4GB
Graphics	GPU	Intel® HD Graphics 400	
	Graphic Engine	DirectX11, OpenGL4.0 and OpenCL 1.2	
	HDMI	1 x HDMI (Max. 2560 x 1600 @24Hz)	
	VGA	1 x VGA (Max. 2048 x 1536 @60 Hz)	
Network	Controller	Realtek RTL8111F, Gigabit Ethernet	
	Interface	1 x RJ45	
I/O	USB	1 x USB 3.0, 3 x USB 2.0	
	Display Interface	1 x HDMI, 1 x VGA	
	LAN	1 x RJ45	
	Serial Port	1 x RS232	
	Audio	1 x MIC-IN, 1 x AUDIO-OUT	
	Mini-PCle	1 x Full-size Mini-PCle for 3G/4G	
	SIM	1 x SIM Slot	
	JAHC Switch	1	
	LED Indicators	1 x HDD LED, 1 x Power LED	
	WiFi+BT on Board	1 x WiFi + BT Module Onboard	
Storage	EMMC	32GB Onboard	64GB Onboard
	Card Reader	1 x TF Card Reader	
JAHC Tech	WatchDog Timer	0~255 Second Time Out Support	
	Auto Power On	Power Activated Automatically Start	
	RTC	Set Up Independently Every day, A Week as a Cycle	
	Remote Control	By IR Controller for Power On	
	Wake On Lan	Supported	
Operation System	Windows	Windows 8.1/10 (64-bit )	
	Linux	Supported	
	Android	Supported	

		F210U-BY230	F210U-BY460
Power	Power Type	DC-IN	
	Power Adapter	12V/2A	
Mechanical	Dimensions (W x D x H)	116.6mm x 107.4mm x 30mm	
	Fanless	Yes	
	Construction	Metal	
	Mounting(Optional)	Desk/Wall Mounting,VESA Mounting Kit (JT NUC-JC530)	
	Color	Black	
Environment	Operating Temperature	0°C ~ 40°C ( 32 °F ~ 104 °F ) at 0.7m/s Air Flow	
	Storage Temperature	-20°C ~ 60°C (-4 °F ~ 140 °F)	
	Relative Humidity	95% @ 40°C (non-condensing)	
Certification	Certification	CE, FCC Class B, CCC	



**Order Information**

Part Number	Intel CPU	RAM	HDMI	VGA	GbE	USB	Audio	mSATA	Operating Temperature
F210U-BY230	Atom x5-Z8350	2GB	1	1	1	1 x USB3.0 3 x USB2.0	1 x MIC-IN 1 x AUDIO OUT	N/A	0-40°C
F210U-BY460		4GB							

**Packing List**

Part Number	Description	Part Number	Description
-	1 x F210U	-	1 x Drive Disk
-	1 x User Manual	-	1 x AC Power Adapter
-	1 x AC Power Cable	-	1 x WiFi Antenna

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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