

Giada F210U/F210 Fanless Small System with Intel® Atom™ CPU for Cloud Terminal and Digital Signage



Features

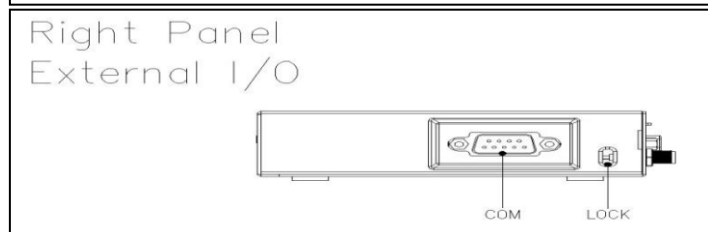
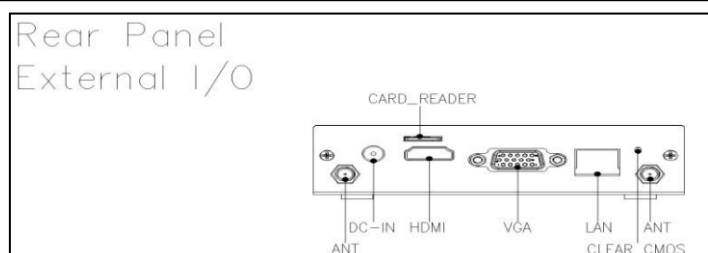
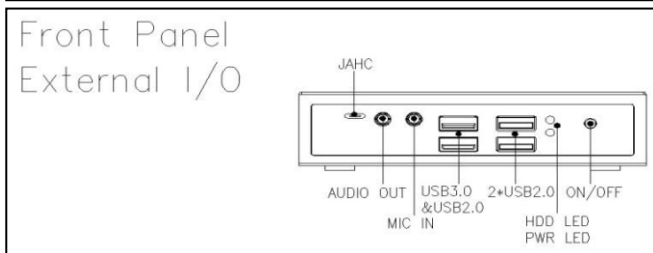
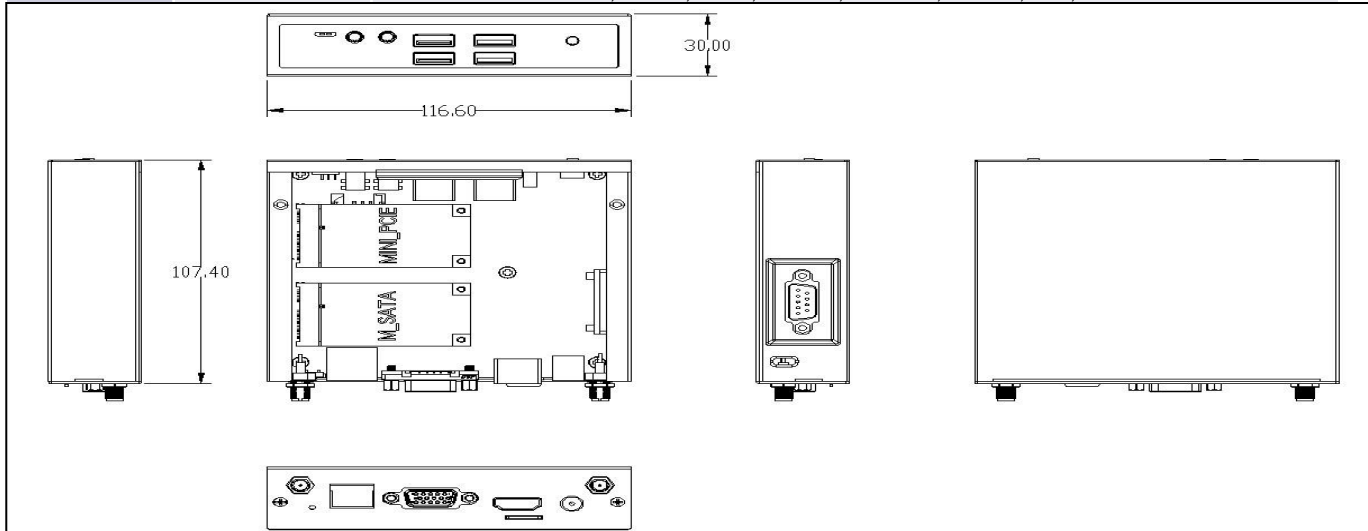
- Intel® Cherry Trail Processor
- Supports two independent displays
- Supports on-board eMMC
- Supports on-board memory
- 1 x USB 3.0, 3 x USB2.0, 1 x TF card reader

Specifications

RoHS CE FC CCC

		F210U-BY460	F210U-BZ230	F210-BZ180
Processor System	CPU	Intel® Atom™ X5-Z8350 Processor		Intel® Atom™ X5-Z8300 Processor
	Frequency	1.44 GHz (up to 1.92 GHz)		1.44 GHz (up to 1.84 GHz)
	L3 Cache	2M Cache		2M Cache
	Process Technology	14 nm		14 nm
	Cores / Threats	4 / 4		4 / 4
	Scenario Design Power(SDP)	2 W		2 W
	BIOS	AMI EFI 64 Mb		AMI EFI 64 Mb
Memory	Type	DDR3L-1600MHz Onboard		
	Capacity	4GB	2GB	1GB
Graphics	GPU	Integrated Intel® HD Graphics		
	Graphic Engine	DirectX11, OpenGL4.0 and OpenCL 1.2		
	VGA	Max. 1920 x 1080 @60Hz		
	HDMI	Max. 2560 x 1600 @24Hz		
Audio	Controller	1 x MIC-IN, 1 x AUDIO OUT		
Ethernet	Controller	Realtek 8111F, Gigabit Ethernet		
WIFI		Onboard WIFI / BT	Onboard WIFI / BT	On board WIFI
I/O Interface	Serial Ports	1 x COM		
	USB Interface	1 x USB 3.0, 3 x USB 2.0		
Other	Watchdog Timer	Patented JAHC unattended Technology		
	IR	Yes		
Expansion	Mini PCIe #1	1 x full-length Mini-PCIe with mSATAII support		
	Mini PCIe #2	1 x full/half-length Mini-PCIe, 3G module support		
Storage	eMMC	64GB	32 GB	8 GB
	mSATA (USB Signal)	1x mSATA II		
	TF Card	1x TF card reader		
OS Support	Microsoft Windows	Windows® 8 64-bit, Windows® 10 64-bit		
	Android	Android 5.1 (Launch schedule end of Jan., 2016)		
	Linux	Support		
Power Requirement	Power Type	DC-IN		
	Power Adapter	12V 2A		
Mechanical	Construction	Metal		
	Mounting	Desk Mounting (Standard), VESA Mounting Kit (Optional)		
	Dimensions(W x H x D)	116.6 x 107.2 x 30 mm		

		F210U-BY460	F210U-BZ230	F210-BZ180
Environment	Operating Temperature	0~40°C at 0.7m/s air flow		
	Storage Temperature	-20~60°C		
	Relative Humidity	95%@40°C (non-condensing)		
Regulation	EMC	CE/FCC Class B, CCC		
	Safety	CE/FCC LVD, CCC		
	Others	RoHS, REACH, WEEE, EN62311, EN300328, CE EMC, EMS, CE LVD		



Order Information

Part Number	Intel CPU	RAM	eMMC	Wi-Fi	mSATA	Mini-PCle	COM	IR	JAHC	Operating Temperature
F210U-BY460	Z8350	4GB	64 GB	WiFi+BT	1	1 x full/half-length w/SIM	1	Yes	Yes	0 ~ 40° C
F210U-BZ230	Z8300	2GB	32GB	WiFi+BT	1	1 x full/half-length w/SIM	1	Yes	Yes	0 ~ 40° C
F210-BZ180	Z8300	1 GB	8 GB	WiFi	1	1 x full/half-length w/SIM	1	Yes	Yes	0 ~ 40° C

Packing List

Part Number	Description	Part Number	Description
-	1 x F210	-	1 x DVD
-	1 x User Manual	-	1 x Power Adapter
-	1 x AC power cable	-	1 x Wi-Fi antenna
-	1 x VESA Mounting Kit (NUC-JC530)	-	

The product appearance, specifications and features are subject to change. Giada reserves the right of final interpretation for the content hereinabove.