

Giada F210U

Fanless Embedded PC
for Cloud Terminal and Digital Signage Applications



Features

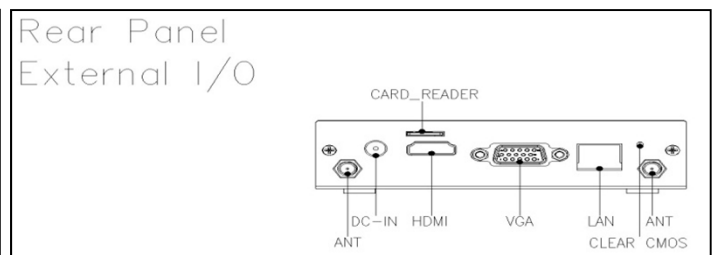
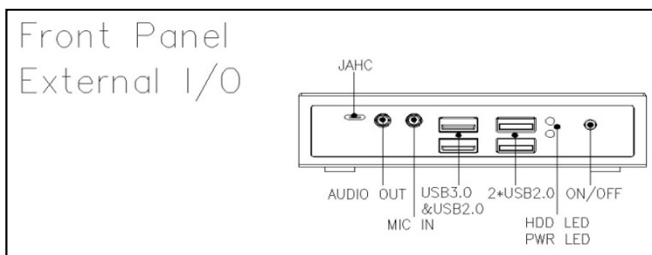
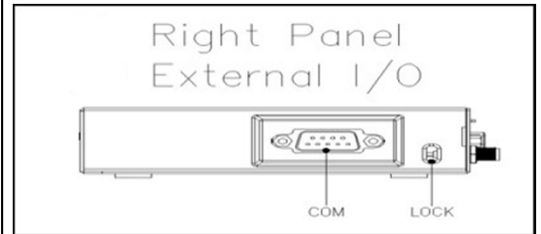
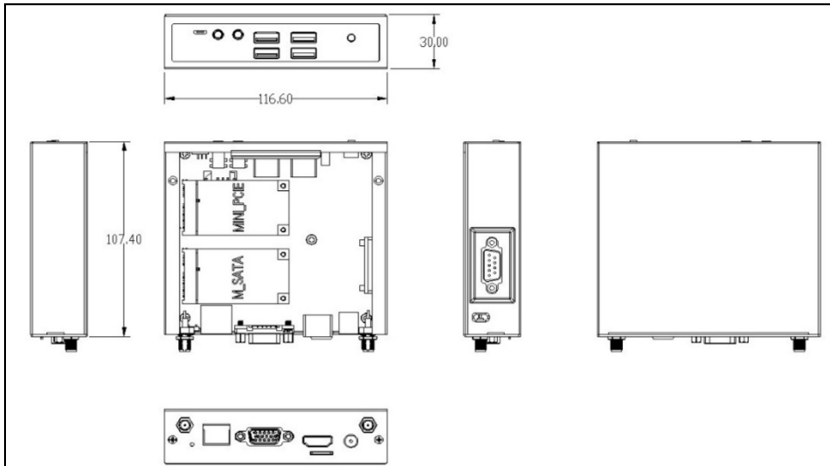
- Intel® Atom™ x5-Z8350 Processor (Cherry Trail)
- Supports Windows, Linux and Android
- Dual independent display support
- Onboard memory and eMMC
- Fanless design for silent operation

Specifications

RoHS CE FCC CCC

		F210U-BY460	F210U-BY230
Processor System	CPU	Intel® Atom™ X5-Z8350 Processor	Intel® Atom™ X5-Z8350 Processor
	Frequency	1.44 GHz (up to 1.92 GHz)	1.44 GHz (up to 1.92 GHz)
	L3 Cache	2 MB	2 MB
	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	DDR3L-1600MHz Onboard
	Capacity	4 GB	2 GB
Graphics	GPU	Integrated Intel® HD Graphics 400	Integrated Intel® HD Graphics 400
	Graphic Engine	DirectX11, OpenGL4.0 and OpenCL 1.2	DirectX11, OpenGL4.0 and OpenCL 1.2
	VGA	1 x VGA	1 x VGA
	HDMI	1 x HDMI Max. 1920 x 1080 @60Hz	1 x HDMI Max. 1920 x 1080 @60Hz
Audio	Controller	1 x MIC-IN, 1 x AUDIO OUT	1 x MIC-IN, 1 x AUDIO OUT
Networking	Controller	Realtek 8111F, Gigabit Ethernet	Realtek 8111F, Gigabit Ethernet
	WIFI/BT	Onboard WIFI+BT	Onboard WIFI+BT
I/O Interface	Serial Ports	1 x COM	1 x COM
	USB Interface	1 x USB 3.0, 3 x USB 2.0	1 x USB 3.0, 3 x USB 2.0
Other	Watchdog Timer	Patented JAHC unattended Technology	Patented JAHC unattended Technology
	IR	Yes	Yes
Expansion	Mini PCIe	2xMini-Pcie(3G/SSD)	2xMini-Pcie(3G/SSD)
Storage	eMMC	64 GB	32 GB
	TF Card	1x TF card reader	1x TF card reader
OS Support	Microsoft Windows	Windows® 8.1 64-bit, Windows® 10 64-bit	Windows® 8.1 64-bit, Windows® 10 64-bit
	Android	Android 5.1	Android 5.1
	Linux	Ubuntu 14.04	Ubuntu 14.04
Power Requirement	Power Type	DC-IN	DC-IN
	Power Adapter	12V 2A	12V 2A
Mechanical	Construction	Metal	Metal
	Mounting	VESA Mounting Kit (Optional)	VESA Mounting Kit (Optional)
	Dimensions(W x H x D)	116.6 x 107.2 x 30 mm	116.6 x 107.2 x 30 mm
	Color	Black	Black

		F210U-BY460	F210U-BY230
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	Mini-PCle	COM	IR	JAHC	Operating Temperature
F210U-BY460	Z8350	4 GB	64 GB	WiFi+BT	1 x full/half-length w/SIM	1	Yes	Yes	0 ~ 40 °C
F210U-BY230	Z8350	2 GB	32 GB	Wi-Fi+BT	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)	-	Optional

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