

# Giada 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 FCC CCC

|                   |                             |   |
|-------------------|-----------------------------|---|
| Processor System  | CPU                         | Intel® Atom™ X5-Z8300 Processor                                       |
|                   | Frequency                   | 1.44 GHz ( up to 1.84 GHz )   |
|                   | L3 Cache                    | 2M Cache  |
|                   | Process Technology          | 14 nm   |
|                   | Cores / Threats             | 4 / 4   |
|                   | Scenario Design Power (SDP) | 2 W   |
|                   | BIOS                        | AMI EFI 64 Mb   |
| Memory            | Type                        | DDR3L-1600MHz   |
|                   | Capacity                    | 2 GB - 4 GB   |
|                   | Socket                      | N / A   |
| 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                  | Realtek ALC5672, 1 x MIC-IN, 1 x AUDIO OUT                            |
| Ethernet          | Controller                  | Realtek 8111F, Gigabit Ethernet                                       |
| 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, with Wi-Fi / BT / 3G module support |
| Storage           | eMMC                        | 32 GB   |
|                   | mSATA ( USB Signal )        | 1 x 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 )                     |
| 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   |
|                   | Color                       | Black   |

|             |                       |   |
|-------------|-----------------------|---|
|             |                       |   |
| 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 |

