

# Giada F105D

## Apollo Lake Fanless Signage Player



### Features

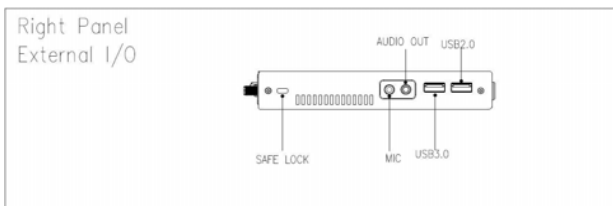
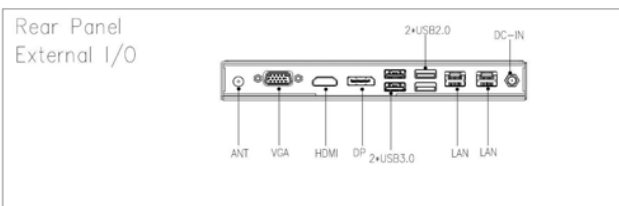
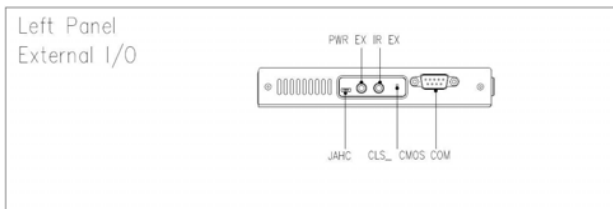
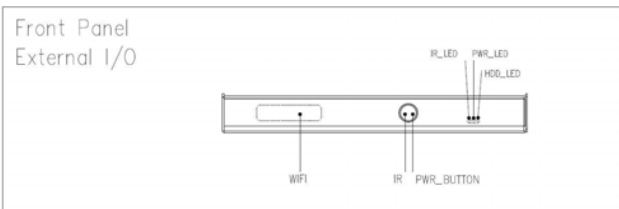
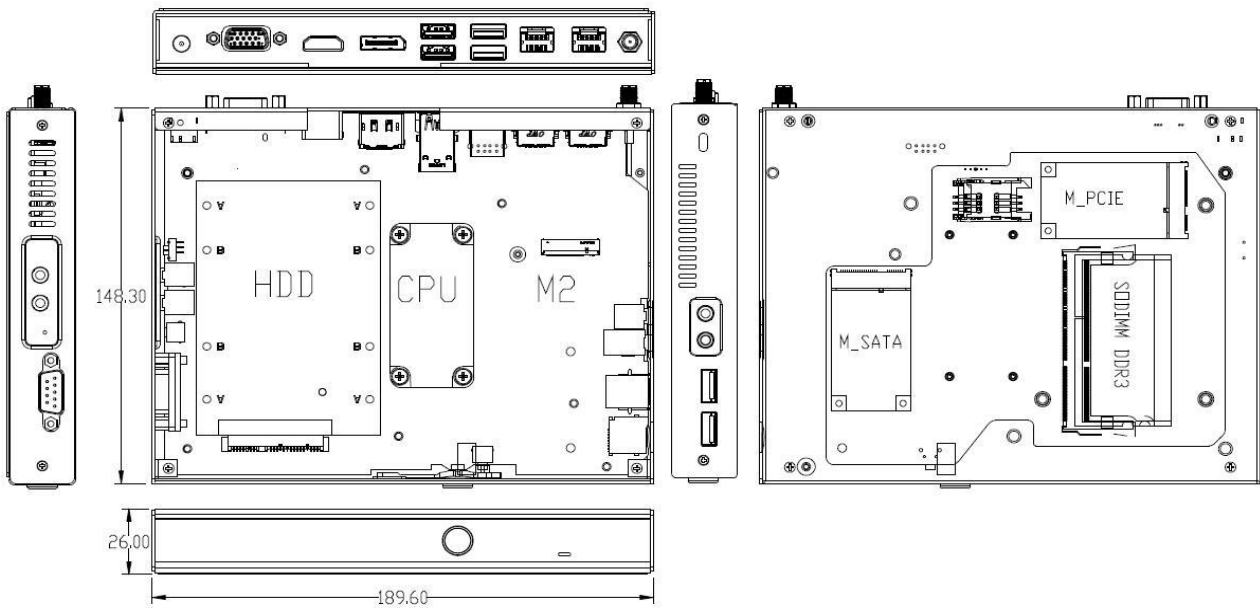
- ◆ Intel® Celeron N3350/N3450 Processors
- ◆ 1 x SO-DIMM DDR3L, Onboard 2GB, Up to 8GB
- ◆ 1 x DP, 1 x HDMI, 1 x VGA
- ◆ 1 x 2.5" SATA, 1 x mSATA, 1 x M.2 for SSD
- ◆ 3 x USB3.0, 3 x USB2.0, 1 x RS232
- ◆ 2 x RJ45, 1 x Mini-PCIe for WiFi/BT/3G/4G, 1 x SIM Slot

### Specifications

RoHS CE FCC

|                  |                   | F105D-BS200                                       | F105D-BQ200               |
|------------------|-------------------|---|---------------------------|
| Processor        | CPU               | Intel® Celeron N3350                              | Intel® Celeron N3450      |
|                  | Frequency         | 1.10 GHz (Up to 2.40 GHz)                         | 1.10 GHz (Up to 2.20 GHz) |
|                  | BIOS              | AMI Source Code                                   |                           |
|                  | Chipset           | SOC   |                           |
| Memory           | Type              | DDR3L-1866 MHz                                    |                           |
|                  | Socket            | 1 x SO-DIMM, Onboard 2GB                          |                           |
|                  | Max Size          | 8GB   |                           |
| Graphics         | GPU               | Intel® Gen9 Graphics engine                       |                           |
|                  | Graphic Engine    | DirectX 12.0, OpenGL 4.3, OpenCL 2.0              |                           |
|                  | DP                | 1 x DP (Max. 4096 x 2304 @60Hz)                   |                           |
|                  | HDMI              | 1 x HDMI (Max. 3840 x 2160 @30Hz)                 |                           |
|                  | VGA               | 1 x VGA (Max. 2048 x 1536 @60Hz)                  |                           |
| Network          | Controller #1     | Realtek 8111F Gigabit Ethernet                    |                           |
|                  | Controller #2     | Realtek 8111F Gigabit Ethernet                    |                           |
|                  | Interface         | 2 x RJ45  |                           |
| I/O              | USB               | 3 x USB 3.0, 3 x USB 2.0                          |                           |
|                  | Display Interface | 1 x DP, 1 x HDMI, 1 x VGA                         |                           |
|                  | LAN               | 2 x RJ45  |                           |
|                  | Serial Port       | 1 x RS232   |                           |
|                  | Audio             | 1 x MIC-IN, 1 x AUDIO-OUT & SPDIF                 |                           |
|                  | Mini-PCIe #1      | 1 x Full-size Mini-PCIe for mSATA                 |                           |
|                  | Mini-PCIe #2      | 1 x Full-size Mini-PCIe for WiFi/BT/3G/4G         |                           |
|                  | M.2               | 1 x M.2 (2242/2280) for SSD                       |                           |
|                  | JAHC Switch       | 1   |                           |
|                  | SIM               | 1 x SIM Slot                                      |                           |
|                  | LED Indicators    | 1 x HDD LED, 1 x Power LED                        |                           |
| Storage          | SATA              | 1 x 2.5" SATA                                     |                           |
|                  | mSATA             | 1 x Full-size mSATA                               |                           |
|                  | M.2               | 1 x M.2 (2242/2280) for SSD                       |                           |
| 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 10 (64 bit)                               |                           |
|                  | Linux             | Supported   |                           |

|               |                        | F105D-BS200                                      | F105D-BQ200 |
|---------------|------------------------|--|-------------|
| Power         | Power Type             | DC-IN  |             |
|               | Power Adapter          | 19V/2.1A   |             |
| Mechanical    | Dimensions (W x D x H) | 189.6mm x 148.3mm x 26mm                         |             |
|               | Fanless                | Yes  |             |
|               | Construction           | Metal  |             |
|               | Mounting(Optional)     | Desk/Wall Mounting and VESA Mounting Kit (JZ183) |             |
|               | Color                  | Black  |             |
| Environment   | Operating Temperature  | 0°C ~ 40°C ( 32 °F ~ 104 °F ) at 0.7m/s Air Flow |             |
|               | Relative Humidity      | 95% @ 40°C (non-condensing)                      |             |
| Certification | Certification          | CE, FCC Class B, CCC                             |             |



**Order Information**

| Part Number | Intel CPU     | RAM        | DP | VGA | HDMI | GbE | USB                      | RS232 | mSATA | Operating Temperature |
|-------------|---------------|------------|----|-----|------|-----|--------------------------|-------|-------|-----------------------|
| F105D-BS200 | Celeron N3350 | Up to 8 GB | 1  | 1   | 1    | 2   | 3 x USB3.0<br>3 x USB2.0 | 1     | 1     | 0-40°C                |
| F105D-BQ200 | Celeron N3450 |            |    |     |      |     |                          |       |       |                       |

**Packing List**

| Part Number | Description        | Part Number | Description          |
|-------------|--------------------|-------------|----------------------|
| -           | 1 x F105D          | -           | 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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