

# F110D

## BAY TRAIL BOOK-SIZE SIGNAGE PLAYER



Intel® Bay Trail  
Celeron® N2807/J1900 processors



1 x HDMI (Max. 2560 x 1600 @60Hz)  
1 x VGA (Max. 2048 x 1536 @60Hz)



Support Wi-Fi/BT module  
Support 3G/4G module

### CPU

<b>CPU</b>	Intel® Celeron® N2807 processor Intel® Celeron® J1900 processor
<b>Turbo Frequency</b>	2.16 GHz/2.21 GHz
<b>Chipset</b>	SoC
<b>Processing Units</b>	2 Cores/4 Cores
<b>TDP</b>	4.5 W/10 W

### System

<b>System Memory</b>	Up to 8 GB, 1 x SO-DIMM DDR3L
<b>Storage</b>	1 x 2.5" SATAIII 1 x Full-size Mini-PCIe for MSATA
<b>TPM</b>	Optional: TPM2.0
<b>Watchdog Timer</b>	Yes
<b>Auto Power On</b>	Yes
<b>RTC</b>	Set up independently every day, a week as a cycle
<b>Remo on</b>	No
<b>Power Requirement</b>	DC-IN, 19 V/2.1 A
<b>Dimensions</b>	189.6mm x 148.3mm x 26mm (7.46" x 5.83" x 1.02")
<b>Construction</b>	Metal, Black
<b>Operating System</b>	Windows 7 (64bit) /Windows 8 (64bit) Windows 10 (64bit) /Linux Ubuntu (64bit)
<b>Operating Temperature</b>	0°C ~40°C (32°F~104°F) @0.7m/s Air Flow
<b>Humidity</b>	95% @ 40°C (non-condensing)
<b>Certifications</b>	CE, FCC Class B

### Network

<b>Network Controller</b>	2 x Realtek RTL 8111H Gigabit Ethernet
<b>Ethernet Interface</b>	2 x RJ45
<b>Wi-Fi/BT</b>	1 x Half-size Mini-PCIe for Wi-Fi/BT
<b>Mobile Network</b>	3G/4G Colay with 1 x Mini-PCIe for MSATA 1 x SIM Slot

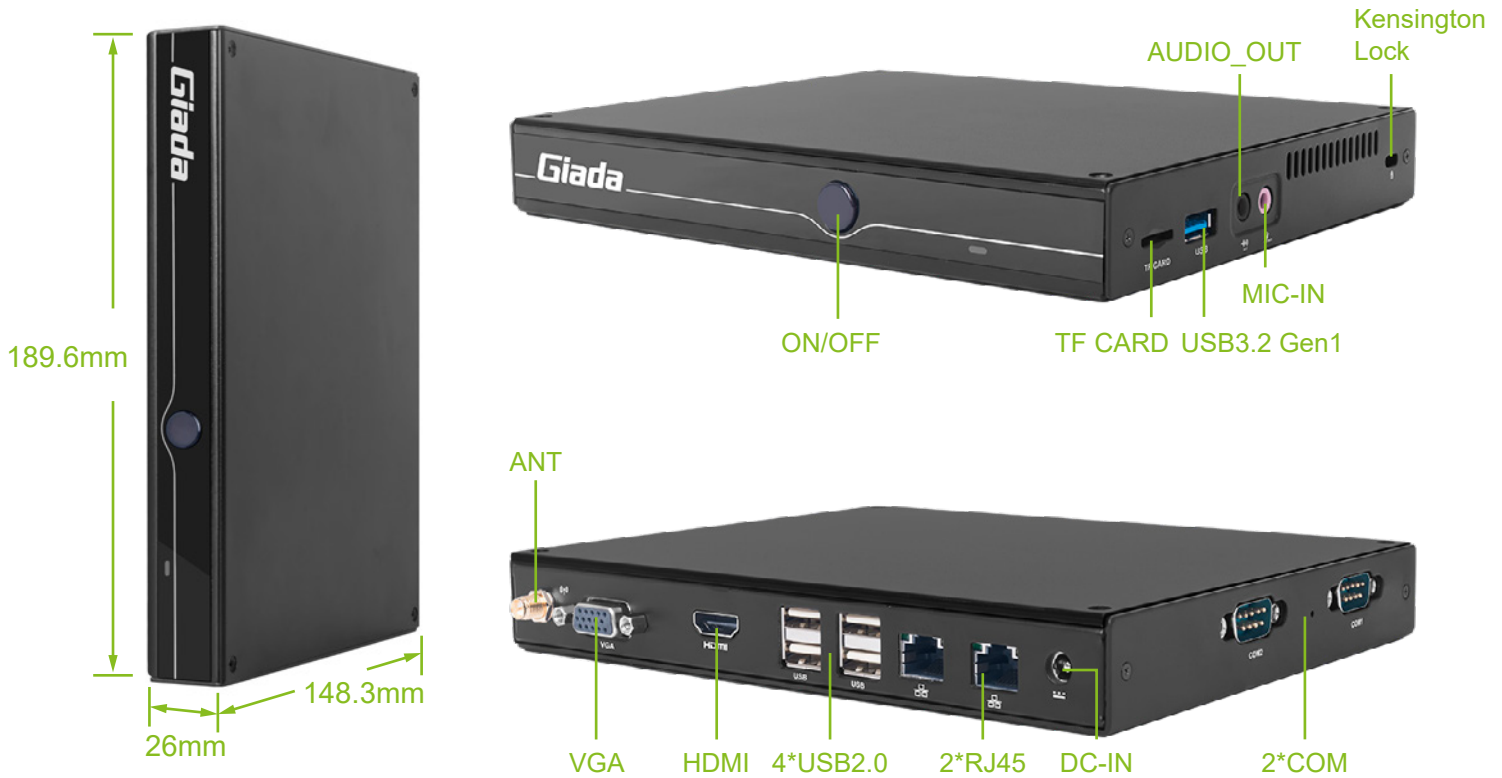
### Display

<b>GPU</b>	Intel® HD Graphics
<b>Graphic Engine</b>	DirectX 11.1, OpenGL 3.0, OpenCL 1.1, OpenGL ES 2.0
<b>Display Interface</b>	1 x HDMI (Max. 2560 x 1600 @60Hz) 1 x VGA (Max. 2048 x 1536 @60Hz)

### I/O interface

<b>USB</b>	1 x USB3.2 Gen1, 4 x USB 2.0
<b>Serial Port</b>	2 x RS232
<b>Audio</b>	1 x MIC-IN, 1 x AUDIO-OUT
<b>Button</b>	1 x Power on, 1 x CLR-CMOS
<b>Antenna</b>	1 x Connector for Wi-Fi/BT

## Dimensions and Drawing



## Order information

<b>F110D-BB000</b>	CPU: Intel® Celeron® N2807 processor
<b>F110D-BD000</b>	CPU: Intel® Celeron® J1900 processor
<b>Packing List</b>	1 x Wi-Fi Antenna, 1 x AC Power Cable, 1 x AC Power Adapter
<b>Package</b>	Carton, EPE

## Optional items

<b>VESA Mounting</b>	VESA Mounting Kit (JZ183)
<b>Wi-Fi/BT Module</b>	Azureware® AW-CB161H
<b>Mobile Network Module</b>	Quectel® EC25 4G
<b>Operating System License</b>	Windows 10 (64bit)