

# F108D

## ALDER LAKE-N BOOK-SIZE SIGNAGE PLAYER



Intel® Alder Lake-N  
N-series/Core™ processors



1 x DP (Max. 4096x 2160 @60 Hz)  
2 x HDMI (Max. 4096 x 2160 @60 Hz)



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



Fanless design  
(Intel® Processor N100)

### CPU

<b>CPU</b>	Intel® Processor N100 (Fanless) Intel® Processor N95
<b>Turbo Frequency</b>	3.40 GHz /3.40 GHz
<b>Chipset</b>	SoC
<b>Processing Units</b>	4 Cores/4 Cores
<b>TDP</b>	6 W/15 W

### 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 E-Key M.2 (2230) for Wi-Fi/BT Support Wi-Fi 5, Wi-Fi 6
<b>Mobile Network</b>	1 x B-Key M.2 (3042) for 3G/4G 1 x SIM Slot

### System

<b>System Memory</b>	Up to 16 GB, 1 x SO-DIMM DDR4-3200 MHz
<b>Storage</b>	1 x M-Key M.2 (2280) for PCIe3.0 X4 SSD
<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>	Yes
<b>Power Requirement</b>	DC-IN, 19 V/2.37 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 10 (64bit) /Windows 11 (64bit) Linux Ubuntu (64bit)
<b>Operating Temperature</b>	0°C ~45°C (32°F~113°F) @0.7m/s Air Flow
<b>Humidity</b>	95% @ 45°C (non-condensing)
<b>Certifications</b>	CE, FCC Class B, UKCA

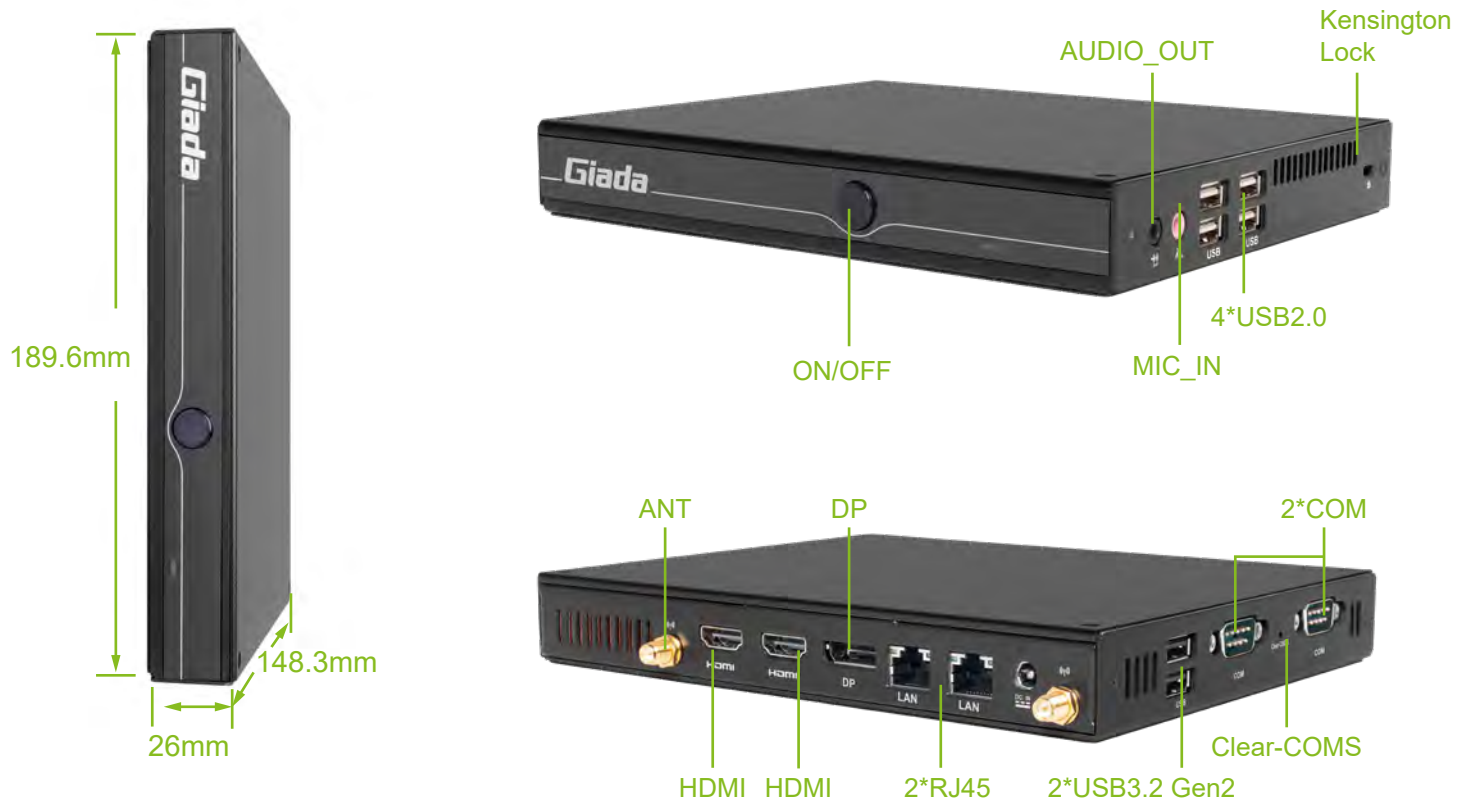
### Display

<b>GPU</b>	Intel® UHD Graphics
<b>Graphic Engine</b>	DirectX 12.1, OpenGL 4.6, OpenCL 3.0,
<b>Display Interface</b>	1 x DP (Max.4096 x 2160 @60Hz) 2 x HDMI (Max.4096 x 2160 @60Hz)

### I/O interface

<b>USB</b>	2 x USB3.2 Gen2, 4 x USB2.0
<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>	2 x Connector for Wi-Fi/BT

## Dimensions and Drawing



## Optional items

<b>VESA Mounting</b>	VESA Mounting Kit (JZ183)
<b>Wi-Fi/BT module</b>	Intel® Dual Band Wireless-AC 9260, Intel® Wi-Fi 6 AX200, Intel® Wi-Fi 6E AX210 (Gig+)
<b>Mobile network module</b>	Quectel® EC25 4G,
<b>Operating system License</b>	Windows 10 (64bit), Windows 11 (64bit)