



## F108D – Intel® Alder Lake-N Digital Signage Player



The F108D is a book-sized fanless (with N100) digital signage player, equipped with an Intel® Alder Lake-N SoC and has support for up to 3 simultaneous 4K displays. The F108D has extensive I/O in a small form factor, allowing for easy deployment in vending machines, self-service and point of sale kiosks, among many others. Its power paired with its efficiency and size make it an excellent solution for many markets segments.

### SPECIFICATIONS

<b>CPU</b>	Intel® N100 Quad Core 6M Cache, up to 3.40GHz, 6W (Fanless Model); Intel® N95 Quad Core 6M Cache, up to 3.40GHz, 15W
<b>Memory Type</b>	260-pin DDR4 3200MHz SO-DIMM
<b>Memory Slots</b>	1
<b>Maximum Memory Supported</b>	16GB
<b>Chipset</b>	Integrated in SoC
<b>Integrated Graphics</b>	Intel® UHD Graphics
<b>Watchdog Timer</b>	Yes
<b>Video</b>	1 x DisplayPort 4K @ 60Hz, 2 x HDMI 4K @ 60Hz
<b>LAN Ports</b>	2 x Realtek RTL8111H Gigabit LAN
<b>Storage</b>	1 x M.2 M-Key 2280 (PCIe 3.0 x4 NVMe)
<b>TPM</b>	2.0 (Optional)
<b>Extended Interface</b>	1 x M.2 E-Key 2230 (for Wi-Fi/BT), 1 x M.2 B-Key 3042 (3G/4G), 1 x SIM Slot, 1 x M.2 M-Key 2280 (PCIe 3.0 x4 NVMe)
<b>Rear I/O</b>	2 x HDMI, 1 x DisplayPort, 2 x LAN, 1 x 19V DC Input Jack, 4 x USB 2.0, 1 x Line-Out, 1 x Mic, 2 x USB 3.2 Gen2, 2 x RS-232, 2 x Antenna Port Holes

<b>Power Requirement</b>	DC input 19V
<b>Dimensions</b>	7.46" x 5.83" x 1.02" (189.6mm x 148.3mm x 26mm)
<b>Operating Temperature</b>	32 ~ 113°F (0 ~ 45°C) @ 0.7m/s Airflow
<b>Relative Humidity</b>	95% @ 45°C (non-condensing)
<b>OS Software Supported</b>	Windows 10 64-bit, Windows 11 64-bit, Ubuntu Linux 64-bit
<b>Global P/N / SKU</b>	1708587

## **Ordering Options**

F108D-FV-N10040N0G-GIA (SKU# 1708587A): Fanless Digital Signage System with Intel® N100 Processor  
F108D-NU-N9540N0G-GIA (SKU# 1708587B): Actively Cooled Digital Signage System with Intel® N95 Processor