

Cabin Entertainment Server RS-1000-01

The Cabin Entertainment Server design is a high-performance media server and control platform with a built-in 802.11ax cabin wireless system that can provide a complete IFE system in one tiny unit.

The Cabin Entertainment Server's 2TB of NVME storage has more than ample storage for hundreds of movies, music, maps and other applications.

With an integral 5G cellular modem the server also has cost effective ultra-high speed internet access enabling automatic media and software updating in addition to remote troubleshooting

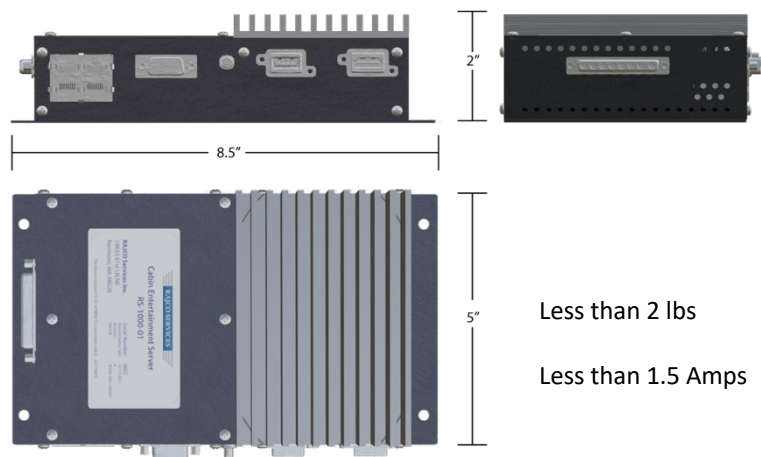
The Cabin Entertainment Server is an open platform Linux server capable of hosting almost any custom software application including serving various data, any of the major moving map applications, audio, video, HTML 5 and other web service files, and other Linux based applications.

The server reads and decodes aircraft flight data directly from the aircraft's avionics systems for use by custom applications and has four customizable discrete inputs.

The server's design supports advanced DRM implementations.

Server Interfaces:

- ARINC 429 (2)
- Discrete inputs (4)
- Audio (stereo and digital)
- Video (4K HDMI and HD SDI)
- USB (3.0)
- Ethernet (4 ea 1 GB ports)
- WIFI 6 (802.11 AX)
- 5G Cellular Modem
- Remotely located antennas



Certification Testing - DO 160G

- Temperature and Altitude
- Operational Shock
- Vibration
- Power Input
- Voltage Spike
- Audio Frequency Conducted Susceptibility
- Emission of Radio Frequency Energy

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