

Cab-n-Connect P100



Portable Streaming Wireless System

- ▶ Small Form Factor Portable Streaming In-Flight Entertainment System
- ▶ Support for 100 streaming client devices utilizing dual 802.11 ac/abgn radios
- ▶ Dual swappable batteries for over 10 hrs of video steaming content
- ▶ Up to 6 TByte of fixed content storage & 2 TByte of removable storage

POSSIBILITIES START HERE



The Kontron Portable Cab-n-Connect P100 is a powerful wireless streaming platform that is flexible to meet your specific In-Flight Entertainment requirements. The system supports dual hot-swappable batteries for over 10hrs of streaming video content and dual WiFi radios for connecting up to 100 client devices. Up to 6TB of fixed storage ensures unlimited content and the removable storage (up to 2TB) device supports quick updates. The ultra small and light weight platform supports Docker Applications and Virtual Machines which makes it simple to integrate your IFE content management system.



// Unit shown with cover removed. Power Buttons for On/Off.
Bay for: 2x removable batteries, 1x removable storage

▶ TECHNICAL INFORMATION

DIMENSIONS		9.0" (23cm) x 3.5" (9cm) x 12.6" (32cm) (H x W x D)
PROCESSOR MODULE		Intel® C3508 4-core, 1.6 GHz, 32 GByte RAM, TPM 2.0
BATTERY / POWER		2x Hot-Swappable Batteries (Li-ion), 48 W/hr each 19-28 VDC Power Input 5.5/2.5mm barrel jack Main Power On/Off Button & Enable Button via front panel External AC/DC (wide range) PSU included
STORAGE		500 GByte NVME fixed Storage (other options available) 1x 500 GByte U.2 Removable Storage (other options available) Combined up to 8 TByte of storage possible – contact factory for options
NETWORKING	WIFI AP WIFI ON MCU 4G/LTE	Dual 802.11ac/abgn radios (2x 2 MiMo) Dual 802.11ac/abgn (2x 2 MiMo) with Bluetooth 5.0 LTE-Advanced+ modem (CAT 12) with global coverage Mini SIM access via rear panel Embedded Antenna (Main & Diversity)
	ETHERNET	1x GbE (RJ45) via rear panel (Optional: 10GbE RJ45 (CAT 6))
I/O	USB SERIAL DISCRETES	1x USB 3.0 Type A behind front cover 1x RS232 (DB-9) behind rear cover Optional 5x Input Discrettes (opto-isolated)
SENSORS	MCU (Cortex®-M4F) MANAGES	ADS-B Receiver (integrated antenna), Accelerometer, Gyroscope, Magnetometer, Barometric Pressure, Temperature
USER INTERFACE		1.8" OLED display (160x128 px) for status information 1x Power Button, 1x Power Switch (behind front cover) 5x user interface buttons (1x WiFi On/Off, 4x user configurable via software)
OPERATING SYSTEM		Basic Linux OS Support Optional: SGOS with support for Dockerized Applications and VMs
MTBF		43,684 hrs 25C, Ground Benign

▶ Global Headquarters

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