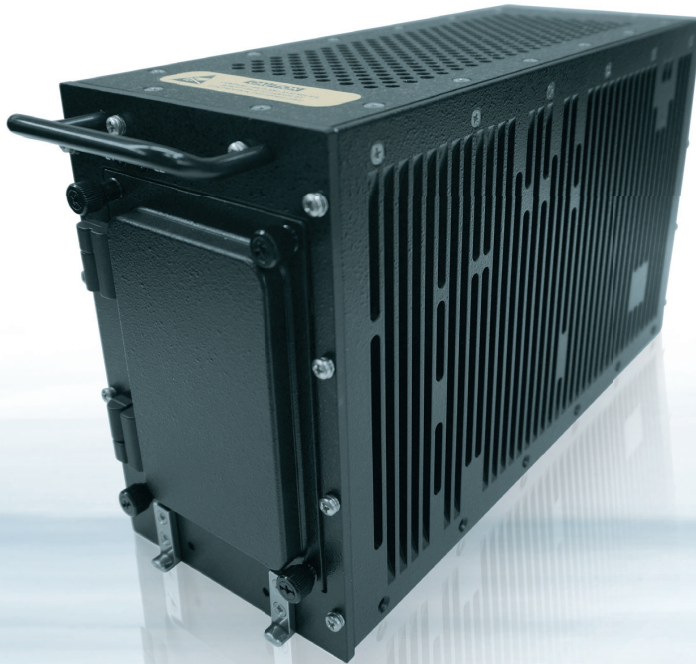


# ACE FLIGHT™ 4608

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## ACE FLIGHT™ 4608 AIRBORNE SERVER

- ▶ ARINC 600 4MCU, air-flow through unit with front removable storage
- ▶ Intel® D-1539, 8-Core Processor with 32 GByte DDR4 RAM (ECC)
- ▶ L2/L3 managed ethernet switch
- ▶ dual 4G LTE modems
- ▶ qualified to DO-160G

POSSIBILITIES START HERE



**kontron**

## ▶ TECHNICAL INFORMATION

FORM FACTOR	ARINC 600 4MCU, air flow through
PROCESSOR	Intel® D-1539, 8-Core Processor, 1.6 GHz, 12 MByte Cache
DRAM	32 GByte DDR4-2133, ECC
OPERATING SYSTEM	Linux™ Ubuntu 16.04 LTS; Support for other Linux distributions and Windows® Server
SECURITY	TPM 2.0 On board; Kontron WiBu Security Feature
STORAGE	Up to 4x SSDs; 128 GByte fixed storage (OS & application) Optional Storage: 1x Fixed SSD (ordering option up to 8 TByte) 2x Removable (separate ordering option up to 8 TByte)
ETHERNET PORTS, REAR	10x 10/100/1000BT Ethernet Ports (switched) on ARINC 600 Connector
ETHERNET SWITCH	L2/L3 Managed Ethernet Switch
ARINC 429	Six (6) Rx Channels, One (1) Tx/Rx (configurable) Channel
AIRCRAFT DISCRETES	9x Inputs/ 4x Outputs System Enable Input, CPU Reset, Configuration Bits
AUDIO	2 Channel Audio Outputs
CELLULAR MODEM	Dual 4G/LTE modems for global coverage
USB 2.0	USB 2.0 on ARINC 600 Connector, can be used for interfaces to Aircraft Personality Module (APM) or USB 2.0 devices
FRONT PANEL LEDs	USB 2.0, USB 3.0, RS-232 (switch & processor), RJ45 (Ethernet), dual uSIM per modem; LED for Power On, System Operation and Modem Link Status
POWER	115 VAC/360-800 Hz with 200 msec Hold-up
ENVIRONMENT	Qualified to DO-160G
WEIGHT	12.4 lbs
THERMAL	Air Flow Through via Standard ARINC 600 Rack system or Cooling Tray
DIMENSIONS	4.88" (124 mm) W x 7.62" (194 mm) H x 12.7" (322 mm) D

## ▶ ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
SERVER, LAB	73002008-004	LRU, SERVER, ACE FLIGHT 4608, 4G (800 GByte SSD), LAB ONLY
AIR TRAY, LAB	73002008-500	AIR TRAY & BREAKOUT CABLE ASSY
SERVER, PRODUCTION	73002008-104	LRU, SERVER, ACE FLIGHT 4608, 4G (*960 GByte Fixed SSD)
RSSD	5140550-131	1 TByte
RSSD	5140550-132	2 TByte
RSSD	5140550-133	4 TByte
RSSD	5140550-134	8 TByte

\* Other storage capacity sizes available, contact factory

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