

# ACE Flight™

## General Purpose Airborne Server

### Your Solution for “Mission Critical” IFE

- Open Architecture
- Scalable to Customer Application
- Compact form factor (ARINC 600 or 763)
- Reliable
- Designed for reduced size, weight and cost
- 360-800Hz, 115VAC or 28VDC Input
- Qualified to DO-160E
- Options for customer configured I/O



ARINC 600



ARINC 763

The gateway through which flight crews and ground personnel access essential onboard information, the ACE Flight™ line of general purpose Airborne Servers provide a reliable, flexible, and high performance framework for airborne flight information systems.

# Specifications

## FORM FACTOR:

- ARINC 600—2MCU, 3MCU, 4MCU
- ARINC 763—various sizes

## PROCESSOR:

- Intel Core 2 Duo, Core Duo, Celeron, Atom

## PROCESSOR SPEEDS:

- 1GHz—2.2GHz

## DRAM:

- 1GB—4GB

## O/S:

- Linux or Windows

## BOOT DEVICE:

- Onboard Flash, Compact Flash, Solid State Drive, Ethernet, USB

## STORAGE:

- Solid State Drive(s), Fixed or Removable

## NETWORK:

- 2 x 10/100/1000BT Ethernet

## Ethernet Switch:

- Up to 12 ports, 100BT or 1000BT, managed or unmanaged

## ARINC429:

- Up to 5 transmit & receive channels, configurable

## A/C DISCRETES:

- 8 inputs, 8 outputs with ESD/ Opto-isolation

## SERIAL:

- RS-232/422/485

## TERRESTRIAL MODEM:

- EV-DO or GSM

## GPS RECEIVER:

- Module interfaces to external antenna

## FRONT PANEL MAINTENANCE PORT

## POWER:

- 360-800Hz, 115VAC Input I-phase, or
- 28VDC Input

## ENVIRONMENT:

- Qualified to DO-160E
- Can be installed in pressurized or unpressurized location