

## IADS AUTHORIZED HARDWARE

- Integrated and Tested by Symvionics for IADS
  - ☑ Decoms and Bit Sync
  - ☑ Solid State Hard Disk System
  - ☑ Video Capture Card
- Compatible with New IADS Releases
- High Performance Components
- Designed for Real Time Environments
- Real Server, not a Rack Mount Workstation
- Reduced Risk
- Established IADS Performance
- Competitive Pricing
- Ungradable Hardware
- Robust all Steel Construction
- 72 Hour Replacement
- One Year Warranty
- Multiple Form Factors

## IADS-SERVER

- 3U Rack Mount Enclosure, Desktop or Wallmount
- Single CPU Motherboard (Dual & Quad CPU Available)
- Single Intel Extreme Series CPU (Dual & Quad Available)
- 8GB DDR3 RAM
- SAS RAID HD Controller 6 GB/s 8 channels each
- RAID 0 SSD System Array 256GB
- RAID 0 SSD Data Array 512GB (up to 3TB Available)
- NVIDIA Quadro Series Video Controller
- 650W Power Supply
- Microsoft 32bit or 64bit Professional OS



IADS FPD - The IADS Server features a custom LCD front panel that displays Hardware, System and IADS Software status updates in real time.

## THROUGHPUT

Telemetry Performance:

- 20Mbps Aggregate Performance
  - PCM 5Mbps
  - Ethernet 5Mbps
  - ARINC 6Mbps
  - 4 Video sources at 1Mbps each
  - Channels: 1 PCM, 1 Ethernet, 4 Video 40 ARINC busses

Aggregate Performance:

- 64K Parameters
- 1.5M Samples per second
- Higher throughput rates can be achieved with 64bit versions of the IADS Server.

## SPECIFICATIONS

Server	Rack Mount	Tower	Wall Mount
<b>Win 7 32/64bit</b>	CDS or RTS	CDS or RTS	CDS or RTS
<b>Win 2008 R2</b>	CDS or RTS	CDS or RTS	CDS or RTS
<b>Form Factor</b>	ATX	ATX	MiniATX
<b>IADS FPD</b>	YES	YES	NO
<b>DDR3 RAM</b>	8GB	8GB	8GB
<b>SAS RAID 6GB/s</b>	SSD 256k & 512k	SSD 256k & 512k	SSD 256k & 512k
<b>PCM Streams</b>	2	2	2

