

## The Grab and Go Portable Appliance

The Cutting Edge Networked Storage Grab and Go Portable Appliance is a transportable Esri ArcGIS Appliance solution that can be utilized for use in Emergency Management, exhibition events or any transportable Enterprise need due to its low noise footprint and hardened design. It consists of a small form factor high performance server that has been encased in a high strength shock and vibration isolated cage. The internal storage of the server can be customized to meet high performance needs with support for up to fifteen Solid State Drives or up to seven 3.5 inch SAS or SATA hard drives when storage density is of the upmost importance. Additional storage can be added to the server via optional external SAS storage expanders. The solution ships with dual 20 inch LCD displays and a wireless keyboard with built in touch pad. This solution can be configured to accommodate the support of ArcGIS for Server, ArcGIS for Imagery Data Management or Esri's popular Data Appliance for ArcGIS.



### *The Cutting Edge Grab and Go Portable Appliance consists of:*

- Custom Form Factor 17.54" x 14.60" x 10.25"
- HARDcase shock and vibration absorbing cage
- Flush mounted carrying handle
- One (1) Quad-Core Intel i7-2600 3.4 GHz Processor 8MB Cache
- 16 GB RAM (4 x 4 GB) 240-Pin DDR3 1333 Dual Channel Configuration
- Internal hardware RAID controller with 512MB Cache and Battery Back-Up Module with External SAS port
- Support for RAID levels 0, 1, 10, 5, 6, 50, and 60
- Two (2) 128GB SSD OS drives configured in a RAID level 1 array
- Three choices of additional internal standard storage configurations:
  - A. Eight (8) 240GB SSD data drives (non-hot swap)
  - B. Seven (7) 3 TB SATA Hard Drives
  - C. Six (6) 240GB SSD data drives (non-hot swap) and Four (4) 3 TB SATA Hard Drives
- DVD reader and writer
- Rear mounted system fan speed control knob for fan speed adjustments on the fly
- Single Gigabit Ethernet NIC
- Built in Sound Card
- Six (6) USB 2.0 Ports (rear) and Two (2) USB 3.0 Ports (Rear)
- One (1) eSATA 3Gb/s Port (Rear)
- GeForce GTX 560 Ti (Fermi) 1GB 256-bit GDDR5 Dual DVI
  - Standard Memory: 1GB GDDR5
  - Graphics Clock (MHz): 810 MHz
  - Memory Interface Width: 256-bit
  - Memory Bandwidth (GB/sec): 128
- Windows 2008 Standard Server R2 with SP1.
- Assembled weight with eight SSDs; 32 lbs



### *The Grab and Go Portable Appliance External Storage Expander:*

- External Dimensions 5.75" x 11.9" x 11.42"
- Eight (8) hot swappable SAS/SATA hard drive bays
- SFF-8088 connectors
- Net capacity of 24TB with support for up to 3TB SATA hard drives



### *The Grab and Go Portable Appliance Deployment and Transport Bundle*

- Two (2) 20 inch LCD displays with native resolution of 1600x900
- Wireless 82 Key Bluetooth keyboard with built in touch pad
- Pelican transport case



For specific configuration and pricing, contact Dean Garner ([dgarner@esri.com](mailto:dgarner@esri.com)) of Esri at (909) 793-2853 ext. 1-4441.

