

**Targa Systems**

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**communications**  
Advanced Products & Design

**Ethernet NAS DTU****Network Attached Storage (NAS) Data Transfer Systems**

Two versions of the NAS DTU's are offered by Targa:

**Series 3 PC Card NAS DTU's**

The Targa Series 3 PC Card Data Transfer System is the perfect Network Attached Storage (NAS) device for your military and aerospace systems, replacing Server Attached Storage in most airborne platform application systems. These systems include flight management, cockpit instrument display, terrain awareness and warning, map systems, radar systems, cockpit/ground communications, navigation positioning, and satellite communications.

Targa's PC Card Data Transfer Units (DTUs) provide a compact, self-contained system to store and retrieve data from industry standard PCMCIA/ATA cards and have been qualified to meet the most demanding MIL-STD-810 and RTCA DO-160 environments. With PC Card capacities now at 16 GB, the removable PC Card feature of the Series 3 product line allows for easy updating of files.

**Series 4 Removable Disk NAS DTU's**

In those applications requiring higher storage capacity and/or greater read/write speeds than PC Cards can offer, Targa offers its Series 4 Removable Disk NAS DTU's. The Series 4 offers capacities up to 64 GB in a compact, rugged and removable 2.5" flash disk. The removable disk feature of the Series 4 product line allows for easy updating of files. Data Transfer rates over 20 GB/sec. Targa's Series 4 Gigabit (Gb) Ethernet, Network Attached Storage, Data Transfer System (DTS) provides a compact self-contained system to store and retrieve data from a removable Serial ATA (SATA) flash disk in the most demanding environments.

**FEATURES:**

- Storage Media: PC Cards (ATA) all capacities (current max 16 GB) and ATA Flash Disks (96 GB)
- Interfaces: Dual port 10/100/1000 Ethernet IEEE 802.3ab
- Power fail detect with DOS FAT & Directory auto-save to prevent file corruption
- Input Power +28 Vdc, with 50 msec holdup
- Mounting: Hard mount and Panel mount (Dzus rail)
- Power fail detect with DOS FAT & Directory auto-save to prevent file corruption
- Locking access door with door open detect and PC Card/Disk shutdown
- Small, lightweight, rugged construction providing reliable data storage
- Data Transfer Rates: > 20 MBytes/sec over FTP (Gb Ethernet)
- Targa's Network Attached Storage (NAS) device functions as a "server" dedicated to file sharing
- Targa's NAS provides removable SATA Flash disk data storage for single or multi-client users over a dual IEEE 802.3ab Ethernet link
- MIL-STD and RTCA