



TRANZPAK 2 STORAGE MODULE

ULTRA LOW-PROFILE - LIGHTWEIGHT - RUGGED SECURED DATA STORAGE SHUTTLE

The rugged pocket-size TranzPak 2 removable storage shuttle offers the most advanced level in flexibility, transportability, and robust storage modularity in the FIELD-READY arena.

The ultra low profile TranzPak 2 is a “hot-swap” capable data storage unit with a capacity of up to 1TB. (SSD option available up to 600GB) Featuring a light weight machined aluminum exterior, cam locking front panel for easy insertion/removal, and interlocking ribs for convenient stacking and storage, the TranzPak 2 provides solid protection for your deployed data and media investments.

With Z Microsystems’ single docking station, the TranzPak 2 works like any removable drive but is equipped with a storage capacity that allows for increased flexibility and efficiency in reproducing fielded settings in the lab, and vice versa. Additional heating option for fielded application in cold environments is available via the 1Xi docking station.

TranzPak 2 storage modules offer unparalleled protection and convenience for your digital intelligence. With TranzPak 2 storage, the user can actually plug in or remove entire operating systems, including programs, projects, video files, and more from a single storage system., allowing entire operations to be carried in a shirt pocket-size form factor. TranzPak modules are also interchangeable among the entire line of Z Microsystems low profile workstations and servers.

- Houses any low profile 2.5” SATA notebook drive
- “Hot-swap” disk modules
- EMI/RFI protection
- Shock mounted disk drive substructure
- SATA, Spinning or Solid State Drive options

TP2 data storage - reliable, convenient, and secure.

Z Microsystems’ storage devices offer a full list of intelligent features improve the safety and security of storing and transporting mission-critical intelligence. Recessed interface connectors keep your storage device safe from clipping or damage due to direct contact. TranzPak 2 modules feature interlocking ribs for stacking and storage during travel or periods of non-use. Indented labelling spaces make identifying data easy, allowing for accuracy and organization of virtual intelligence.



Technical Specifications

Drives	
SATA Capacity	1 TB
Solid State Capacity	600 GB (800 GB Q3 2012)
Physical	
Dimensions	.75" H x 3.08" W x 6.06" D
Net Weight	10 oz.
Environmental	
Operating Temp.	0°C to +50°C. **Extended limits with SSD alternative option
Non-Operating Temp.	-40° to +70°C **Extended limits with SSD alternative option
*Non-Operating Altitude	Up to 40,000 ft.
*Operating Altitude	Up to 15,000 ft.
Vibration	MIL-STD-167, up to 25 Hz. Extended limits with SSD option.
Shock Operating	30 g's, 11 ms
Sand & Dust	5.5 MPH for 25 min. (Design goal)
Rain	Per MIL-STD-810E (Method 506, Proc III)
Fungus	Non Nutrients/ contaminants
Reliability	
Operating Life	10 years
MTTR	<20 minutes
MTBF	600,000 Hrs.
Regulatory	
Safety	UL 60950 (Used as a guideline)
EMC	Consult factory to discuss
Quality/Workmanship	
IPC/ISO 9001:2008 and applicable section of MIL-HDBK-454	

* Extended environmental limits are achievable with Solid State Drives.

SATA Standard Options:	TP2-1000-72-SAT3	TranzPak 2 HDD, 1000GB SATA 7200 RPM
	TP2-0500-72-SAT3	TranzPak 2 HDD, 500GB SATA 7200 RPM
	TP2-0250-72-SAT3	TranzPak 2 HDD, 250 GB SATA 7200 RPM
SATA SSD Options:	TP2-0600-SS-SAT3	TranzPak 2 SSD, 600GB MLC
	TP2-0300-SS-SAT3	TranzPak 2 SSD, 300GB MLC
	TP2-0160-SS-SAT3	TranzPak 2 SSD, 160GB MLC
	TP2-0080-SS-SAT3	TranzPak 2 SSD, 80GB MLC