

SERIES 3 SATA PC CARD HOLDER SYSTEM



Compact, Rugged Form Factor, SATA Interface



Targa's Series 3 PC Card Holder System, consisting of a rugged holder assembly with an eSATA interface and a removable FLASH ATA PC card, provides a compact self-contained system designed to meet the most demanding MIL-STD-810 and RTCA DO-160 environments.

- PC card capacities: supports all ATA FLSH PC card capacities
- Small, lightweight, rugged construction providing reliable data storage
- Access door with door open detect and shutdown
- Interfaces: SATA 1.5 Ghz
- Input power: +5V DC
- Form factor and mounting: 1" floppy drive

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PRODUCT SPECIFICATIONS

Model No.	SATA Holder PC Cards	HS30-60-2 <i>Contact Targa</i>
Interface	SATA 1.5GHz	
Read Transfer	9 MB/sec *	
Write Transfer	4.5 MB/sec *	
* sequential transfer; rates are PC card type dependent		
Input Power	5V DC -3% +5%, 1.5 W max	
MTBF	186,000 hours (AIF 45°)	
Physical	Case	1.0" H X 5.4" D X 4.0" W
	Faceplate	1.1" H X 0.1" D X 4.25" W
	Weight	375 g (max)
	Cooling	Passive, free air convection
Cable Length	18" max	
Mounting Considerations	Industry standard, all orientations	

ENVIRONMENTAL

Temperature	Operating -40 °C to +71° C	MIL-STD-810E, Method 501.3
	Storage -55° C to +85° C	MIL-STD-810E, Method 502.3
Altitude	50,000 ft	MIL-STD-810E, Method 500.3
Humidity	10-100% condensing	RTCA/DO-160D, Sec 6, Cat B
Shock	Operating 20 g, 9 msec, ½ sine	MIL-STD-810E, Method 516.4
Crash Hazard	Operating 40 g, 9 msec, ½ sine	MIL-STD-810E, Method 516.4
Vibration	PSD 0.04 g ² /Hz, 5-2000 Hz	MIL-STD-810E, Method 514.4, Cat 10
Waterproofness	RTCA DO/160D, Sec 10, Cat W	
Sand & Dust	RTCA DO/160D, Sec 12, Cat D	
Salt Spray	RTCA/DO-160D, Sec 14, Cat S	

MORE TARGA SOLUTIONS

Targa's solid-state storage solutions are available in a wide range of form factors and interfaces:

- PC Card DTUs
Serial, SCSI;
Ethernet, USB
- USB Flash Disks 3.5"
- Removable Disk Systems:
Ethernet, SATA, USB

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