

Features:

- Standard 50-pin 2.5" Form Factor
- Operating as Boot Disk
- Wide Temperature Available
- Noiseless and Stable Installation to System
- Military Security Erase Standards (Optional)
- Global Wear-Leveling and Block Management for High Reliability
- Fixed BOM
- Made in Taiwan



PATA SSD P7 series is a High Performance and High Capacity mass storage solution in 2.5 inch form factor. It is compatible with ATA-7 protocol and supports PIO-4, MWDMA-2 and UDMA-7 transfer rates to offer installation flexibility for all types of legacy equipment built around the 2.5" PATA storage device standard.

It comes equipped with top quality SLC & MLC NAND and capacities available up to 256GB. It is designed for different applications, including Defense/Military, Aerospace, Industrial/Embedded, Enterprise Server, and other Semi-Industrial Applications.

Technical Shortform Specification									
Electrical Data	Capacities SLC:	4GB	8GB	16GB	32GB	64GB	128GB	256GB	
	Capacities MLC:	4GB	8GB	16GB	32GB	64GB	128GB	256GB	
	Compability:	ATA Command Set							
	IDE Transfer Mode:	PIO Mode 4 / MwdMA Mode 2 / UDMA Mode 7							
	Data Transfer Rate:	SLC (Read/Write): 80/80MB/s				MLC (Read/Write): 65/65MB/s			
	Voltage Input:	3.3Vdc/5Vdc Single Power Supply Operation							
Evironmental Data	Operating TEMP.:	Commercial: 0°C to +70°C				Industrial/MIL: -40°C to +85°C			
	Storage TEMP.:	-50°C to +95°C							
	Humidity:	10% to 95% Non Condensing							
Reliability	Vibration:	20G (80-2000Hz)							
	Shock:	1500G for 0.5 mSec							
	ECC Technology:	Built-In ECC Corrects up to 68 Random bits Error per 1K bytes							
	MTBF:	>2.000.000 Hours							
	Endurande:	>5.000.000 Program/Erase Cycles							
Mechanical	Dimensions (L x W x H):	100 x 69.85 x 7.2mm							
	Weight:	55g ±5g							
Certifications	Approvals:	CE / FCC / RoHS							

* For Complete Datasheet and Drawing please Contact TS Connect AB / Power Outlet

