

SATA DOM (YSSDV)

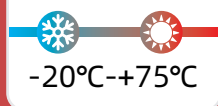
SATA DOM (YSSDH)

Feature

- Interface: SATA 7pin
- Low-Density Parity-Check (LDPC) Code
- Global Wear Leveling
- Flash bad-block management
- Flash Translation Layer: Page Mapping
- Support S.M.A.R.T.
- Support TRIM

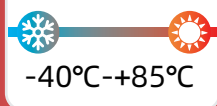
Yansen YSSDV-X-XXX (SATA Disk Module) offers elevated speed boost and higher error correction capabilities. Built with SATA 6.0 Gb/s interface, YSSDV-X-XXX delivers high performance and wide compatibility. With its SATA interface compliance and compact size, this high-speed disk module defines an ideal balance of performance, capacities, reliability and cost. YSSDV-X-XXX is suitable in industrial applications and light operating systems for specific operations. The architectural nature of SATA disk module provides higher resistance to external environmental influences and better flexibility for motherboard space.

天元系列



-20°C~+75°C

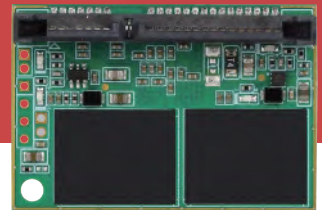
天极系列



-40°C~+85°C



YSSDV



YSSDH

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Office: Room 1501-1503, Jinxiu Hongdu Building, at Meilong Road and Bulong Road in Minzhi Street, Long Hua District, Shenzhen, Guangdong, China. Zip Code: 518131

Factory: Factory:3rd/F.,E Block|Yalitong Ind. Park| Tangxia,Dongguan, Guangdong,China, 523710

SATA DOM SERIES

Specifications

	YSSDV-X-XXX	YSSDH-X-XXX
Flash Type	SLC/MLC	SLC/MLC
Capacity	8GB-256GB	8GB-256GB
Sequential Read (MAX)	Up to 300MB/s	Up to 300MB/s
Sequential Write (MAX)	Up to 200MB/s	Up to 200MB/s
4K Random Read	15000 IOPS	15000 IOPS
4K Random Write	13300 IOPS	13300 IOPS
Operating Temperature	-20°C ~ 70°C, -40°C ~ 85°C	-20°C ~ 70°C, -40°C ~ 85°C
Storage Temperature	-55°C ~ +95°C	-55°C ~ +95°C
Humidity	5%-95% RH non-condensing	5%-95% RH non-condensing
Shock	1500G/0.5ms	1500G/0.5ms
Vibration	80Hz~2000Hz/20G	80Hz~2000Hz/20G
Operating Voltage	DC 5V±5%	DC 5V±5%
Power Consumption (MAX)	1.5W	1.5W
Dimensions	L39.5mm*W25mm*H9.3mm ±0.15mm	L39.5mm*W25mm*H9.3mm ±0.15mm
MTBF	2 million hours	2 million hours

Order Information

	Temperature	8GB	16GB	32GB	64TB	
YSSDV-S-XXX	-20°C ~ 75°C	YSSDV-S-008 (Enhance Series)	YSSDV-S-016 (Enhance Series)	YSSDV-S-032 (Enhance Series)	YSSDV-S-064 (Enhance Series)	
	-40°C ~ 85°C	YSSDV-S-008 (Extreme Series)	YSSDV-S-016 (Extreme Series)	YSSDV-S-032 (Extreme Series)	YSSDV-S-064 (Extreme Series)	
	Temperature	16GB	32GB	64GB	128GB	256GB
YSSDV-M-XXX	-20°C ~ 75°C	YSSDV-M-016 (Enhance Series)	YSSDV-M-032 (Enhance Series)	YSSDV-M-064 (Enhance Series)	YSSDV-M-128 (Enhance Series)	YSSDV-M-256 (Enhance Series)
	-40°C ~ 85°C	YSSDV-M-016 (Extreme Series)	YSSDV-M-032 (Extreme Series)	YSSDV-M-064 (Extreme Series)	YSSDV-M-128 (Extreme Series)	YSSDV-M-256 (Extreme Series)
	Temperature	8GB	16GB	32GB		
YSSDH-S-XXX	-20°C ~ 75°C	YSSDH-S-008 (Enhance Series)	YSSDH-S-016 (Enhance Series)	YSSDH-S-032 (Enhance Series)		
	-40°C ~ 85°C	YSSDH-S-008 (Extreme Series)	YSSDH-S-016 (Extreme Series)	YSSDH-S-032 (Extreme Series)		
	Temperature	64GB	128GB	256GB		
YSSDH-M-XXX	-20°C ~ 75°C	YSSDH-M-064 (Enhance Series)	YSSDH-M-128 (Enhance Series)	YSSDH-M-256 (Enhance Series)		
	-40°C ~ 85°C	YSSDH-M-064 (Extreme Series)	YSSDH-M-128 (Extreme Series)	YSSDH-M-256 (Extreme Series)		