

mSATA SSD (YSM600E)

mSATA SSD (YSM600T)

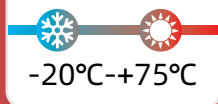
Feature

- Interface: SATA3.0(6Gb/s)
- 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
- Power Loss Protection PLP

Yansen YSM600E-X-XXX is a well-balanced mSATA SSD with standard form factor and great performance. Designed in SATA 6 Gb/s interface, the SSD is able to deliver exceptional read/write speed, making it the ideal companion for heavy-loading industrial or server operations.

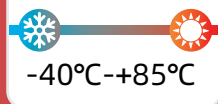
YSM600E-X-XXX utilizes 2D NAND and max capacity up to 1TB, external DRAM design makes the drive has great performance for 4KB files, the drive comes with various implementations including powerful hardware ECC engine, power saving modes, wear leveling, flash block management, S.M.A.R.T. and TRIM.

天元系列

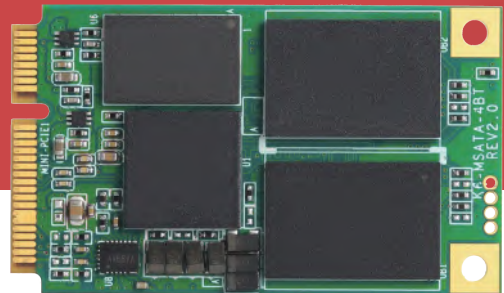


-20°C~+75°C

天极系列



-40°C~+85°C



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Fax: +86-755-26985365

Email: info@yansen-ssd.com

After-sales Service:

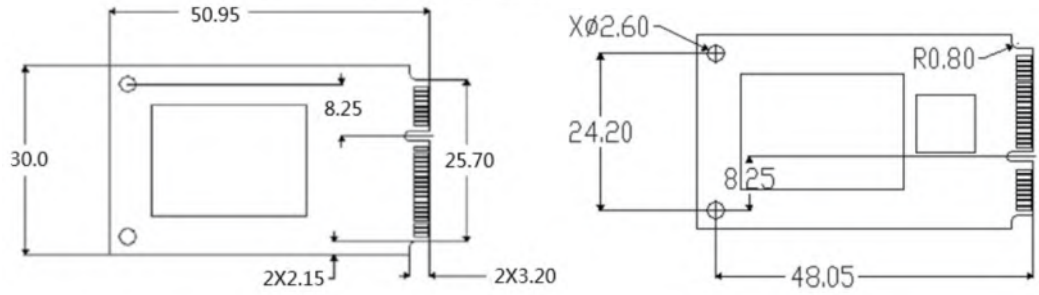
Tel: 400-7799-711

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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

YSM600E SERIES



Specifications

	YSM600E-X-XXX	YSM600T-X-XXX
Flash Type	MLC	MLC
Capacity	128GB~1TB	8GB~256GB
Sequential Read (MAX)	Up to 560MB/s	Up to 500MB/s
Sequential Write (MAX)	Up to 480MB/s	Up to 250MB/s
4K Random Read	68000 IOPS	21490 IOPS
4K Random Write	72900 IOPS	21750 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 3.3V±5%	DC 3.3V±5%
Power Consumption (MAX)	2.37W	2.01W
Dimensions	L50.95mm*W30.0mm*H3.5mm ±0.15mm	L50.95mm*W30.0mm*H3.5mm ±0.15mm
MTBF	2 million hours	2 million hours

Order Information

	Temperature	128GB	256GB	512GB	1TB
YSM600E-M-XXX	-20°C ~ 75°C	YSM600E-M-128 (Enhance Series)	YSM600E-M-256 (Enhance Series)	YSM600E-M-512 (Enhance Series)	YSM600E-M-1T (Enhance Series)
	-40°C ~ 85°C	YSM600E-M-128 (Extreme Series)	YSM600E-M-256 (Extreme Series)	YSM600E-M-512 (Extreme Series)	YSM600E-M-1T (Extreme Series)
YSM600T-S-XXX	-20°C ~ 75°C	YSM600T-S-008 (Enhance Series)	YSM600T-S-016 (Enhance Series)	YSM600T-S-032 (Enhance Series)	
	-40°C ~ 85°C	YSM600T-S-008 (Extreme Series)	YSM600T-S-016 (Extreme Series)	YSM600T-S-032 (Extreme Series)	
YSM600T-M-XXX	-20°C ~ 75°C	YSM600T-M-064 (Enhance Series)	YSM600T-M-128 (Enhance Series)	YSM600T-M-256 (Enhance Series)	
	-40°C ~ 85°C	YSM600T-M-064 (Extreme Series)	YSM600T-M-128 (Extreme Series)	YSM600T-M-256 (Extreme Series)	