

2.5" SATA SSD (YSP5E)

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 YSP5E-XXX PRO is a well-balanced 2.5 SATA 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.

YSP5E-XXX PRO utilizes 3D TLC NAND and capacity range is 128GB~2TB, the drive comes with various implementations including powerful hardware ECC engine, power saving modes, wear leveling, flash xblock management, S.M.A.R.T. and TRIM.



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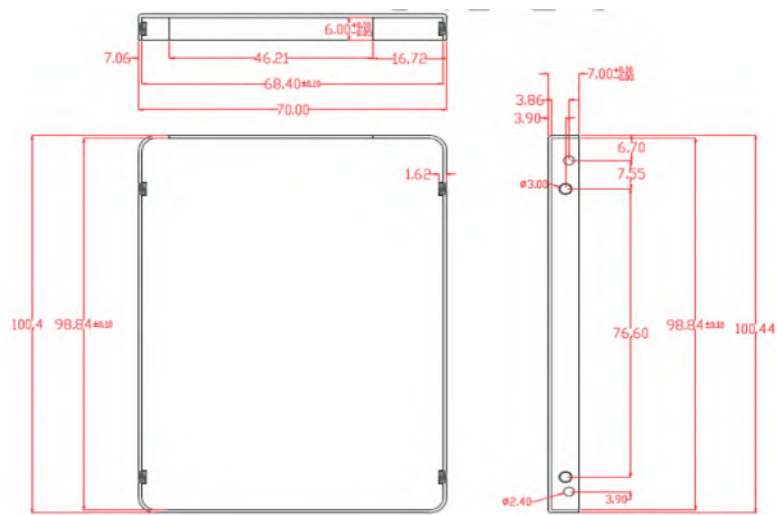
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Factory: Factory:3rd/F.,E Block|Yalitong Ind. Park| Tangxia,Dongguan, Guangdong,China, 523710

YSP5E SERIES



Specifications

YSP5E-XXX PRO	
Flash Type	TLC
Capacity	128GB~2TB
Sequential Read (MAX)	Up to 560MB/s
Sequential Write (MAX)	Up to 500MB/s
4K Random Read	70300 IOPS
4K Random Write	70100 IOPS
Operating Temperature	0°C ~ +70°C
Storage Temperature	-20°C ~ +75°C
Humidity	5%-95% RH non-condensing
Shock	1500G/0.5ms
Vibration	80Hz~2000Hz/20G
Operating Voltage	DC 5V±5%
Power Consumption (MAX)	2.8W
Dimensions	L100.4mm*W70mm*H7.0mm ±0.15mm
MTBF	2 million hours

Order Information

	Temperature	128GB	256GB	512GB	1TB	2TB
YSP5E-XXX PRO	0°C ~ 70°C	YSP5E-128 PRO	YSP5E-256 PRO	YSP5E-512 PRO	YSP5E-1T PRO	YSP5E-2T PRO