

M.2 PCIe SSD (YSNE)

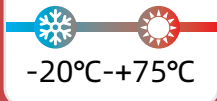
Feature

- Interface: PCIe Gen3 x 4Lane
- 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 YSNE-X-XXX

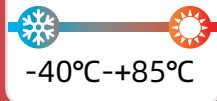
is an NVM Express SSD designed as the standard M.2 form factor with PCIe interface and 3D TLC NAND Flash, capacity range is 128GB~1TB. YSNE-X-XXX supports PCIe Gen III x4, and it is compliant with NVMe 1.3 providing excellent performance. YSNE-X-XXX with heat-spreading design dissipate heat generating from IC making SSD perform more stably. With sophisticated error detection and correction (ECC) functions, the module can ensure full End-to-end Data Path Protection that secures the data transmission between host system and NAND Flash.

天元系列

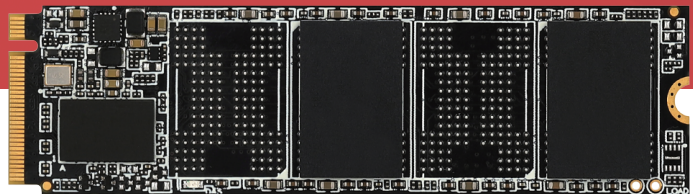


-20°C~+75°C

天极系列



-40°C~+85°C



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After-sales Service:

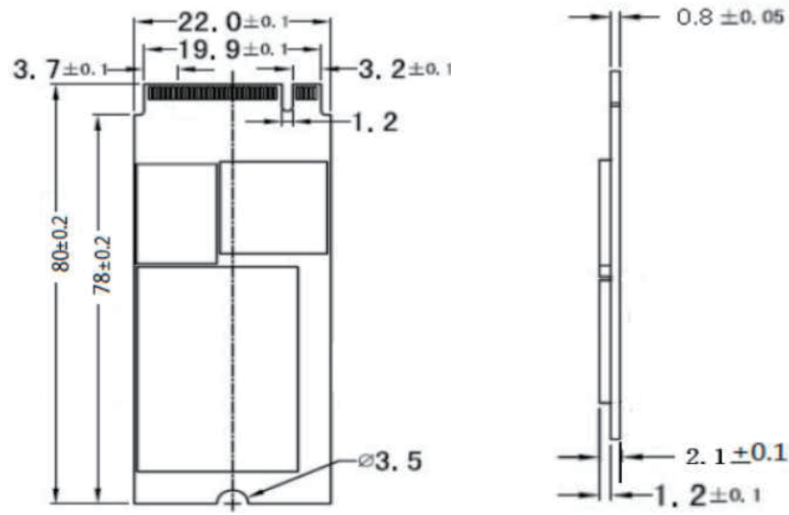
Tel: 400-7799-711

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

YSNE SERIES



Specifications

YSNE-X-XXX	
Flash Type	MLC/TLC
Capacity	128GB~1TB
Sequential Read (MAX)	Up to 2000MB/s
Sequential Write (MAX)	Up to 1500MB/s
4K Random Read	100200 IOPS
4K Random Write	14500 IOPS
Operating Temperature	-20°C ~ 70°C, -40°C ~ 85°C
Storage Temperature	-55°C ~ +95°C
Humidity	5%-95% RH non-condensing
Shock	1500G/0.5ms
Vibration	80Hz~2000Hz/20G
Operating Voltage	DC 3.3V±5%
Power Consumption (MAX)	3.0W
Dimensions	L80.0mm*W22.0mm*H2.1mm ±0.15mm
MTBF	2 million hours

Order Information

	Temperature	128GB	256GB	512GB	1TB
YSNE-T-XXX	-20°C ~ 75°C	YSNE-T-128 (Enhance Series)	YSNE-T-256 (Enhance Series)	YSNE-T-512 (Enhance Series)	YSNE-T-1T (Enhance Series)
	-40°C ~ 85°C	YSNE-T-128 (Extreme Series)	YSNE-T-256 (Extreme Series)	YSNE-T-512 (Extreme Series)	YSNE-T-1T (Extreme Series)