YANSEN 元存®

U.2 PCIe SSD (YSU2)

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
- Power Loss Protection PLP

The YSU2-XXX PCIe U.2 3.8TB SSD by Yansen has been designed to deliver superior performance ensuring reliability to fulfill the diverse application requirements.
The enhanced capacity of 3.8TB enables the users to store extensive data in one compact PCIe SSD. It entails the computational storage technology to enhance the data processing speed by increasing the efficiency in data reading. By decreasing excessive data movement the computational storage technology also helps in managing the data locally.
To ensure the highest level of expertise in managing a large amount of data, Yansen YSU2-XXX PCIe U.2 SSD drive optimizes the hardware and firmware. The focus is to provide ultra-high performance with extended capacity and enhanced reliability.

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

YSU2 SERIES

Specifications

	YSU2-X-XXX
Flash Type	TLC
Capacity	800GB~3.84TB
Sequential Read（MAX）	Up to 3000MB/s
Sequential Write（MAX）	Up to 1700MB/s
4K Random Read	400000 IOPS
4K Random Write	90000 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 12V±7%
Power Consumption（MAX）	11W
Dimensions	L100.2mm*W69.85mm*H15mm ±0.15mm
MTBF	2 million hours

Order Information

	Temperature	800GB	960GB	1.6TB	1.92TB
YSU2-XXX	0°C ~ 70°C	YSU2-800	YSU2-960	YSU2-1.6T	YSU2-1.92T
		3.2TB	3.84TB		
		YSU2-3.2T	YSU2-3.84T		