

Samsung Client SSD

EXTRA CHEAP



STRATEGIC PARTNER
SOLID STATE DRIVES



Product:

SAMSUNG 2D Client SSD superior to HDD in every aspect, CM871 series uses flash memory with revolutionary technology, providing a perfect replacement for HDD

CM871 is available at a lower cost, allowing easier access to powerful performance for improved productivity as compared to conventional HDD storage

Features:

- NAND Flash Memory which provide high reliability and high performance for a storage media
- SSD feature leading-edge data protection, eliminating any concerns about data theft
- SSD lack moving mechanical parts, resulting in extremely short startup and shutdown/standby times and extended durability
- Client SSD can be installed easily in most PCs, Ultra-books, and notebooks to replace outdated HDDs

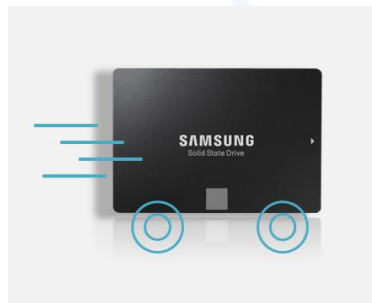
Application:

Ensure the data completeness



Enterprise SSD showed a lower probability of data corruption, and maintain a high level of data integrity, power-off protection & Dynamic Thermal Guard to protect data

Moving storage devices



Better anti-seismic design for recording the moving video, better adapted to the vehicle video management system, SED to ensure that provide continuous data protection

Data center storage & analyzing



Random IOPS faster and lower latency, professional Quality of Service quickly handle of data center and analyzing a large amount of data is of great importance

Specifications:

Model	AS-H256-SC	AS-H512-SC	AS-H1T0-SC	AS-H2T0-SC
SSD Type	CM871			
Capacity	256GB	512GB	1000GB	2000GB
Sequential Read	540 MB/s	540 MB/s	540 MB/s	540 MB/s
Sequential Write	520 MB/s	520 MB/s	520 MB/s	520 MB/s
Active Read (4KB)	2.9 Watt	3.2 Watt	2.4 Watt	3.5 Watt
Active Write (128KB)	2.9 Watt	3.8 Watt	2.8 Watt	4.0 Watt
Random Read IOPS	10K IOPS	97K IOPS	98K IOPS	98K IOPS
Random Write IOPS	35K IOPS	88K IOPS	90K IOPS	90K IOPS
Transfer rate	600 MB/s			
Interface	Serial ATA interface of 6 Gb/s			
Power	+5V \pm 5%, 100 mV p-p or less			
Form Factor	2.5" Type (100.25 \pm 0.25 x 70.1 \pm 0.25 x 7.0 \pm 0.20) mm			
Weight	66 g			
Operating	Measuring at the hottest 0 $^{\circ}$ C to 70 $^{\circ}$ C, non-condensing 5 % to 95 %			
Housing Color	Black			

➤ Specifications are subject to change without prior notice

Product Size: