

Silicon Disk Drive

PC-SDD V series(IDE Interface)



2.5 inch size	PC-SDD32V	NEW	32 MB
	PC-SDD64V	NEW	64 MB
	PC-SDD128V	NEW	128 MB
	PC-SDD192V	NEW	192 MB
	PC-SDD320V	NEW	320 MB
	PC-SDD500V	NEW	512 MB
	PC-SDD1000V	NEW	1 GB
PC-SDD2000V	NEW	2 GB	



PC-SDD V series
2.5 inch size

3.5 inch size	PC-SDD32V3	NEW	32 MB
	PC-SDD64V3	NEW	64 MB
	PC-SDD320V3	NEW	320 MB
	PC-SDD500V3	NEW	512 MB
	PC-SDD1000V3	NEW	1 GB
	PC-SDD2000V3	NEW	2 GB



PC-SDD V3 series
3.5 inch size

PC-SDD V3-SC series(SCSI Interface)

3.5 inch size	PC-SDD32V3-SC	NEW	32 MB
	PC-SDD64V3-SC	NEW	64 MB
	PC-SDD320V3-SC	NEW	320 MB



PC-SDD V-SC series

Full Compatible With IDE Standard

This product is a silicon disk drive interchangeable with a 2.5-inch and 3.5-inch IDE hard disks.

Wide Range Capacities

Available from 32MB to 2GB capacities.

Extremely Rugged and Reliable

This product provides exceptional robustness against environmental factors such as vibration and shock, and is suitable for factory automation applications where high reliability is required.

No Noise

Exceptionally quiet operation, without the motor noise of a hard disk drive.

Flash Life Span

According to the wear leveling function (flash life span stretching), the rewriting average life spans are about the maximum 1.8 times in our company so far compared with the product.(Differ depending on the use condition)

Low power consumption

Low consumption electric power.

Specifications (IDE Model)

Model	2.5 inch model	PC-SDD32V	PC-SDD64V	PC-SDD128V	PC-SDD192V	PC-SDD320V	PC-SDD500V	PC-SDD1000V	PC-SDD2000V
	3.5 inch model	PC-SDD32V3	PC-SDD64V3	-	-	PC-SDD320V3	PC-SDD500V3	PC-SDD1000V3	PC-SDD2000V3
Format capacity		32MB	64MB	128MB	192MB	320MB	512MB	1024MB	2048MB
Bus Interface	2.5 inch model	ATA (IDE-AT44 pin)							
	3.5 inch model	ATA (IDE-AT40 pin)		-	-	ATA (IDE-AT40 pin)			
Transfer rate									
ATA bus transfer rate	8.0Mbyte/sec (Reading/Writing)								
Memory transfer rate (Reading)	5.0Mbyte/sec								
Memory transfer rate (Writing)	0.7Mbyte/sec	1.5Mbyte/sec	2.5Mbyte/sec	3.0Mbyte/sec					
Access rate (Reading) *1	2.0Mbyte/sec								
Access rate (Writing) *1	0.6Mbyte/sec	1.1Mbyte/sec	1.4Mbyte/sec	1.6Mbyte/sec					
Data reliability	Frequency of unrecoverable errors per bit: Less than 1 / 10 ¹⁴ reads								
ECC	64bits/sector								
Max. limit on number of overwrites	300,000 times per physical overwrites								
Rated voltage	5VDC ±5%								
Power consumption	standby/idle	85mW (Typ.) / 175mW (Typ.)							
	read/write	275mW (Max.) / 300mW (Max.)							
Operating temperature	Operating: 0-60°C, Storage: -20-80°C								
Operating humidity	8-95%RH (with no condensation)								
Anti-vibration/Anti-shock	15G Maximum (during operation) / 1000G Maximum (during operation)								
Dimensions	2.5 inch model	69.85(W)x100(D)x12.5(H)mm							
	3.5 inch model	101.6(W)x143.5(D)x12(H)mm	-	-	101.6(W)x142(D)x12(H)mm				
Weight	2.5 inch model	About 100g							
	3.5 inch model	About 300g	-	-	About 300g				

*1 An access rate is reference value. Value may not correspond by the use condition.