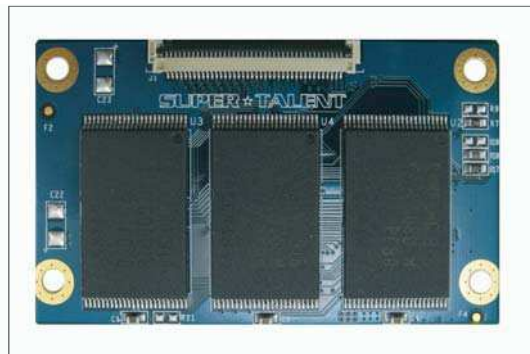


■ ■ 1.3-Inch IDE/PATA ZIF SSD

for Acer Aspire One



1.3-inch IDE ZIF

Super Talent's 1.3-inch IDE ZIF SSD is tailor made for the Acer® Aspire One netbook. As an after-market upgrade to the Aspire One, this SSD can give a substantial performance boost with faster bootup, application load times and shutdown speeds.

Based on MLC NAND Flash, this SSD is far more rugged and reliable than a hard disk drive, consumes less power, weighs less and is completely silent.

Key Features include:

- MLC NAND Flash
- 80 MB/sec sequential read and 40 MB/sec sequential write speeds
- Standard IDE / Parallel ATA interface
- ECC, bad bit management and wear leveling built into the controller

Physical Specifications

Mount Type	Horizontal	
*Capacity	8GB - 128GB	
Interface	40-pin IDE ZIF	
Modes	UDMA6 and PIO modes 0-4	
OS Support	All	
NAND Flash	MLC	
Power Supply	3.3V ± 10%	
Current	Active Mode	55 mA (max)
	Sleep/Idle Mode	0.18 mA (max)
Dimensions	54.1 x 32.1 mm (2.13 x 1.26 in)	

Environmental Specifications

Shock (operating)	10G, 3 axis
Vibration (operating)	1G, each axis
Storage Temperature	-55°C to +80°C

Performance Specifications

Seq. Read	80 MB/sec
Seq. Write	40 MB/sec
Access Time	0.1 ms
Track to Track Seek	0.1 ms
Bus Tx Speed	16.7 MB/sec (peak time)

Endurance Specifications

Data Reliability	Built-in EDC/ECC function
Wear Leveling	Patent Pending
Read	Unlimited

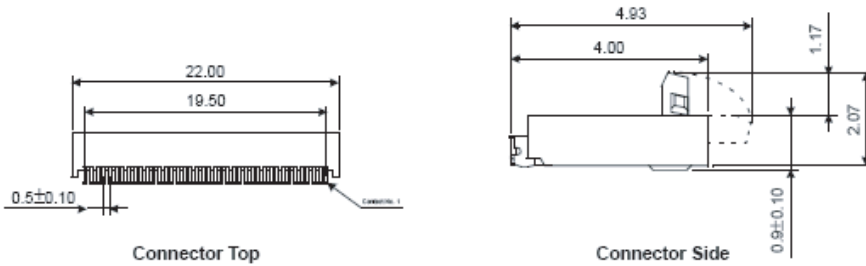
Ordering Information

8GB	FEM8GF13M
16GB	FEM16GF13M
32GB	FEM32GF13M
64GB	FEM64GF13M
128GB	FEM28GF13M

■ ■ 1.3-Inch IDE/PATA ZIF SSD

for Acer Aspire One

Connector and Pin Diagram



Pin Assignments

Pin No.	Signal	Pin No.	Signal
1	Reserved	21	GROUND
2	Reserved	22	DMARQ
3	/RESET	23	GROUND
4	GROUND	24	/DIOW
5	DD7	25	/DIOR
6	DD8	26	GROUND
7	DD6	27	IORDY
8	DD9	28	GROUND
9	DD5	29	/DMACK
10	DD10	30	INTRQ
11	DD4	31	DA1
12	DD11	32	/PDIAG
13	DD3	33	DA0
14	DD12	34	DA2
15	DD2	35	/CS0
16	DD13	36	/CS1
17	DD1	37	/DASP
18	DD14	38	3.3V
19	DD0	39	3.3V
20	DD15	40	Reserved