

■ ■ Half Mini 2 PCIe Solid State Drive (SSD)

Custom IDE/PATA Interface, Half Mini PCIe Form Factor



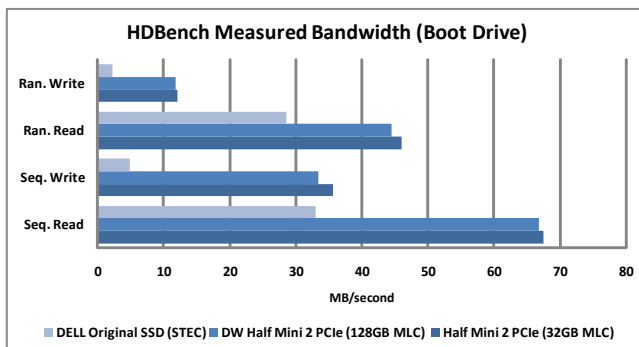
Half Mini 2 PCIe SSD

The Half Mini 2 PCIe SSD is an upgrade module specifically designed to be a drop in replacement for the Dell Inspiron Mini 9 netbook PC. The modules are available with both MLC and SLC Flash memory. The modules are simple and easy to install for immediate capacity and performance benefits.

Compared to the original STEC SSD, our benchmark testing showed an impressive 7x performance gain on sequential write speed. A 2x performance gain in sequential read speed, and a 5.4x gain in random write speed.

The MLC based products are available in 8GB and 128GB capacities and feature sequential read speeds up to 80 MB/s and sequential write speeds up to 40 MB/s.

For customers with greater endurance requirements or faster write performance needs we also offer the SLC version. Available in 8GB and 16GB capacities and featuring sequential read speeds up to 80 MB/s and sequential write speeds up to 60 MB/s.



Physical Specifications

MLC	
*Capacity	8GB – 128GB
Dimension	51.0 mm x 30.0 mm x 3.5 mm
Interface	Custom IDE/PATA
NAND Flash	MLC
Power Supply	3.3V ± 10%
Operating Temp.	0°C - 70°C

SLC	
*Capacity	8GB – 16GB
Dimension	51.0 mm x 30.0 mm x 3.5mm
Interface	Custom IDE/PATA
NAND Flash	SLC
Power Supply	3.3V ± 10%
Operating Temp.	0°C - 70°C

Performance Specifications

MLC	
Sequential Read Rate	80 MB/sec (max)
Sequential Write Rate	40 MB/sec (max)

SLC	
Sequential Read Rate	80 MB/sec (max)
Sequential Write Rate	60 MB/sec (max)

Ordering Information

MLC	
8GB	FEM8GFDL
16GB	FEM16GFDL
32GB	FEM32GFDL
64GB	FEM64GFDL
128GB	FEM28GFDL

SLC	
8GB	FED8GFDL
16GB	FED16GFDL
32GB	FED32GFDL