

■ 1/2 mini PCIe Solid State Drive (SSD)

PCI Express



1/2 mini PCIe SSD

Super Talent introduces the 1/2 mini PCIe SSD, a cost effective alternative in comparison to a hard drive in the UMPC market. This SSD is customized to work with the Dell Inspiron Mini 9 netbook. It is small and lightweight, and customers can choose between the MLC and SLC NAND Flash option. The 1/2 mini PCIe SSD is offered up to 32GB capacities and has read speeds of up to 40MB/sec.

And like all Super Talent's SSDs, the 1/2 mini PCIe has outstanding reliability and endurance. The MLC version has a 2 year warranty and the SLC version has a 3 year warranty.

Physical Specifications

| MLC | |
|------------------------|-------------------------|
| *Capacity | 8GB – 32GB |
| Dimension | 30mm x 51mm x 3.5mm |
| Interface | Custom PCIe |
| NAND Flash | MLC |
| Power Supply | 3.3V _{cc} ± 5% |
| Operating Temp. | 0°C - 60°C |

| SLC | |
|------------------------|-------------------------|
| *Capacity | 8GB – 16GB |
| Dimension | 32.1mm x 51mm x 3.5mm |
| Interface | Custom PCIe |
| NAND Flash | SLC |
| Power Supply | 3.3V _{cc} ± 5% |
| Operating Temp. | 0°C - 60°C |

Performance Specifications

| MLC | |
|------------------------------|-----------------|
| Sequential Read Rate | 40 MB/sec (max) |
| Sequential Write Rate | 15 MB/sec (max) |

| SLC | |
|------------------------------|-----------------|
| Sequential Read Rate | 40 MB/sec (max) |
| Sequential Write Rate | 28 MB/sec (max) |

Ordering Information

| MLC | |
|-------------|-----------|
| 8GB | SG8B5HDL |
| 16GB | SG16B5HDL |
| 32GB | SG32B5HDL |

| SLC | |
|-------------|-----------|
| 8GB | SB8A5HDL |
| 16GB | SB16A5HDL |