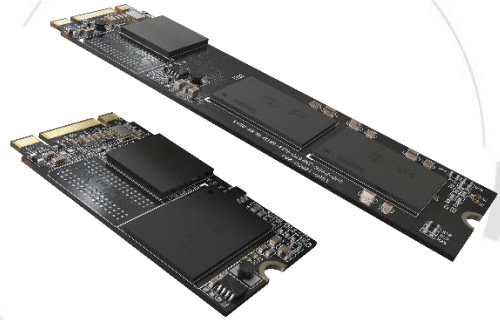


## Customer SSD E100NI Series

### Introduction

Customer SSD E100NI series, SSD mounted with the M.2 interface, is specially designed for optimizing customer computer operating system.

E100NI series applies the 3D NAND flash memory that can effectively improve write/read efficient and data security.



### Available Models

HS-SSD-E100NI

### Typical Application

- Notebooks and desktops
- Small-size proxy servers

### Features and Functions

- High-speed write/read
  - M.2 interface.
  - SATA III protocol.
  - Read speed is up to 550 MB/s.
- 3D NAND flash  
3D NAND flash optimizes the capacity, performance, and stability.
- Anti-vibration
  - Without mechanical structure.
  - Electronic chip control.
  - High data security.
- M.2 interface  
Light weight and small size.



## Specifications

<b>Model</b>	HS-SSD-E100NI		
<b>Capacity</b>	128 GB	256 GB	512 GB
<b>Dimensions (mm)</b>	22 × 80 22 × 42	22 × 80	22 × 80
<b>Max. read speed</b>	500 MB/s	500 MB/s	550 MB/s
<b>Max. write speed</b>	347 MB/s	450 MB/s	500 MB/s
<b>Max. random 4K read speed</b>	50K IOPS	70K IOPS	75K IOPS
<b>Max. random 4K write speed</b>	20K IOPS	32K IOPS	55K IOPS
<b>Max. idle power consumption</b>	0.055 W	0.055 W	0.055 W
<b>Max. read power consumption</b>	2.25 W	2.07 W	2.21 W
<b>Max. write power consumption</b>	2.51 W	2.51 W	2.95 W
<b>Endurance</b>	44 (TBW) TB	88 (TBW) TB	176 (TBW) TB
<b>NAND flash memory</b>	3D TLC ( Tri-Level Cell)		
<b>Interface</b>	M.2 (SATA III 6 Gb/s, SATA II 3 Gb/s)		
<b>Driver</b>	ATA-8 ACS2 Serial ATA 2.6		
<b>Weight</b>	≤ 5.4 g (0.01 lb)		
<b>MTBF (Mean Time between Failures)</b>	1,500,000 hours		
<b>Operating temperature</b>	0 °C to 70 °C (32 °F to 158 °F)		
<b>Operating humidity</b>	5% to 95% (no condensing)		
<b>Warranty period</b>	3 years		

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