

Design & Technology :

The MDP series is a mini-PCIe interface flash memory driver that features a flash disk controller chip and Synchronous NAND flash to offer high performance. The MDP series mini-PCIe SSD is geared specifically to the industrial market for use in such products as Industrial PCs, Embedded Systems, Servers, Notebook and other industrial products that require high performance in compact size.

Applications :

- Industrial/Embedded System
- Enterprise
- Servers
- Commercial
- Notebooks
- Netbooks
- Handheld devices
- All-in-One PCs



Key Features :

- mini-PCIe (52 Pin) / Commercial
- PCIe Gen2x1 (5Gbps)
- High performance
 - Sequential Read/Write :
 - ◆ Up to 320/195 MB/s
 - Random IOPS Read/Write
 - ◆ Up to 15,000/10,000
- Low Power consumption
- Certificate
 - CE and FCC Compatibility
 - RoHS Compliance

Specification :

PERFORMANCE	
Max Sequential Read*	Up to 320 MB/s
Max Sequential Write*	Up to 195 MB/s
Random IOPS Read /Write @4KB*	Up to 15,000/10,000
PHYSICAL	
Unformatted Capacity	16 / 32 GB (SLC), 32 / 64 / 128 GB (MLC)
Interface	PCIe Gen2x1 (Gbps)
Form Factor	mini-PCIe (52 Pin) / Commercial
Dimensions (mm)	51.0*30.0*3.4
ENVIROMENTAL	
Voltage	3.3V \pm 5 %
Operation Temperature	0°C ~ 70°C
Anti-Shock	Operating : 1,500G, 0.5msec half sine Non-operating : 1500G (Duration 0.5 msec, Half Sine Wave)
Anti-Vibration	Operating : 10G, 7-500Hz
Preventive technology	
Enhanced endurance by static / Global wear-leveling	
S.M.A.R.T Supported	
RoHS Compliance	
CE and FCC Compatibility	

*Speed may vary due to host hardware, software and usage.