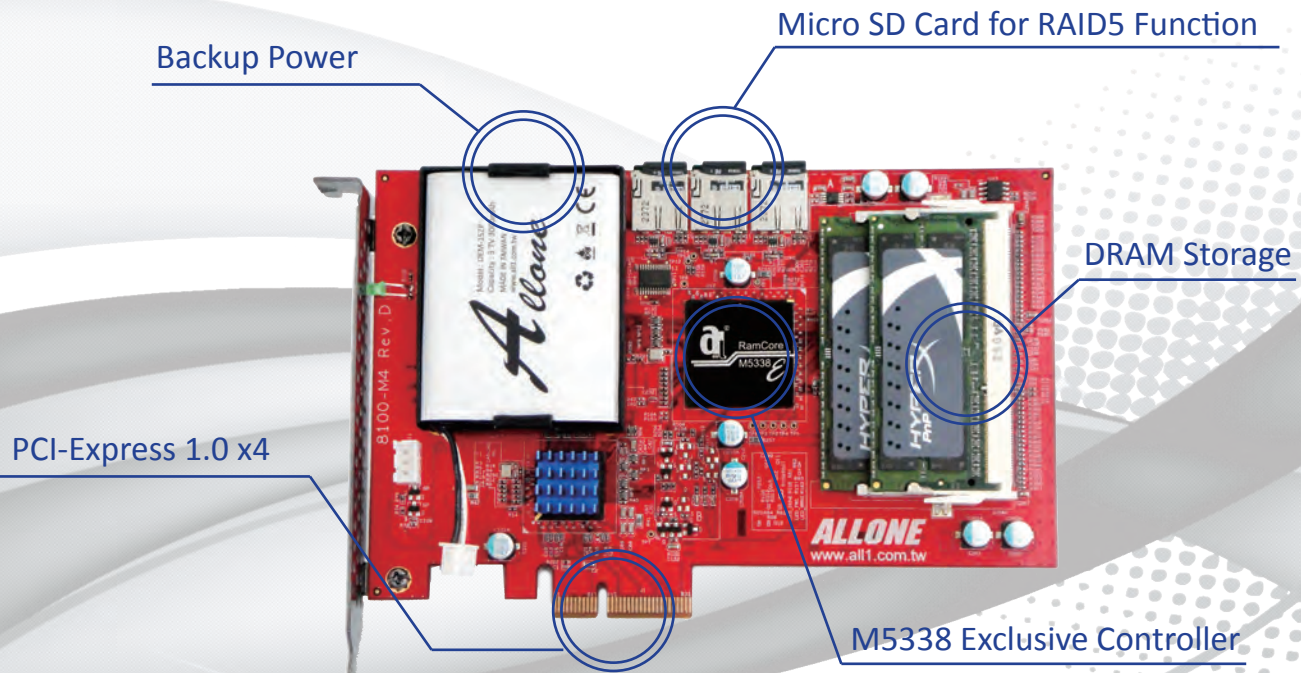


# ALLONE

All Storage Solution Experts



## Cloud Disk Drive IOI RAMDisk

### Faster Processing with High Speed

#### PRODUCT OVERVIEW

ALLONE Cloud Disk Drive 101 is a DRAM based RAMDISK with exclusive controller technology, the best on sequential/random read/write capability. It is designed for critical operations where high speed data access, data analysis, super high IOPS, backup and data reliability are required, simply plug and play with minimum effort to maximize the performance, stability and efficiency of an existing storage solution.

#### MAIN FEATURES

- High IOPS : 500,000 IOPS at 512byte (random read)
- Backup & Restore : 48GB Micro SD cards which offer RAID 5 instant recovery protection
- Low Latency : 16.5us
- Low Power Consumption : Active 7.2W / Idle 5.8W
- Low Noise : Fanless solution
- Low Thermal Emitting : Surface temperature of controller 40°C to 45°C at full loading

#### ORDERING INFORMATION

- Storage Turbo 32GB (P/N: CDD101032S00)
- Storage Turbo 64GB (P/N: CDD101064S00)
- Cache Pro 32GB (P/N: CDD101032C00)
- Cache Pro 64GB (P/N: CDD101064C00)

# Specification

Model	STORAGE TURBO	CACHE PRO
Main Capacity	32GB	32GB
DRAM Slot	SO-DIMM x4	SO-DIMM x4
DRAM Certificate	ALLONE Certified	ALLONE Certified
Micro SD Cards Backup Capacity	48GB Micro SD Cards	N/A
Micro SD Cards Data Retention	RAID 5	N/A
Power Capacity	3000mA	3000mA
Form Factor	Full Height/Half Length	Full Height/Half Length
Bus Interface	PCI-Express 1.0 x4	PCI-Express 1.0 x4
Weight	256g	255g
Dimensions, without bracket	4.376 x 6.6 inches	4.376 x 6.6 inches
<b>Performance</b>		
Read Bandwidth (MB/s)	680	680
Write Bandwidth (MB/s)	610	610
Ran. Read IOPS (512B)	500,000	290,000
Ran. Write IOPS (512B)	280,000	200,000
Access Latency	16.5 $\mu$ s	20 $\mu$ s
Endurance	Unlimited	Unlimited
Warranty	3 years (1 year for Battery)	3 years (1 year for Battery)
<b>Environmental Specifications</b>		
Power Consumption (Active/Idle)	7.2W/5.8W	7.2W/6.4W
Operating Temperature	0°C-70°C	0°C-70°C
<b>Operating Systems</b>		
Microsoft Windows	Win Server 2003, 2008, 2008 R2, 2012, 2012 R2/Win 7, 8, 8.1	
Linux	Ubuntu, CentOS, RHEL, SUSE	N/A
UNIX	Solaris 10U10/11.1	N/A
Hypervisors	VMware 4.x/5.x	VMware 4.x/5.x
<b>Agency</b>		
US/CANADA	FCC Part 15 Subpart B	FCC Part 15 Subpart B
Europe	EN 55022: 2010, Class B EN 55024: 2010 EN 61000-3-2: 2006 + A1: 2009 + A2: 2009 EN 61000-3-3: 2013	

All product specifications and information are subject to change without notice.

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