



# Cloud Disk Drive 101 RAMDisk

Model	STORAGE TURBO	CACHE PRO
Main Capacity (GB)	32GB	32 GB
DRAM Capacity (GB)	SO-DIMM x4 Sockets - Hyper X Series	SO-DIMM x4 Sockets - Micron Crucial
Backup Capacity	48GB Micro SD Card (8GB x6)	N/A
Class of Micro SD card	CLASS 10	N/A
PCI-e Connectivity	Gen1 x4	Gen1 x4
Main Chip	M5338ε	M5338
Data Retention & Protection	RAID 5 Data Rebuild Technology	N/A
Class	Enterprise	Enterprise/Consumer
Form Factor	Full Height/Half Length	Full Height/Half Length
Dimension	4.376 x 6.6 inches	4.376 x 6.6 inches
Weight	256g	250g
Power Consumption (Active/Idle)	7.2W/5.8W	7.2W/6.4W
Temperature (Operating/Non-Operating)	0°- 70°C	0°- 70°C
Battery Temperature (Operating/Non-Operating)	0°- 45°C	0°- 45°C
Battery Capacity	3000 mini A	3000 mini A
LED Status	Shine when back up, function test, SD check	N/A
Host OS Support		
Microsoft Windows	Windows Server 2008 R2,2012, 2012 R2/Windows 7 64 bit	
Linux	Ubuntu12.04/Cent OS 5.5/5.8/5.9/6.X	N/A
Unix	Solaris 10U10	N/A
Hypervisors	VM ware 4.1/5.1	VM ware 4.1/5.1
Sustained Performance		
Sequential Bandwidth - Read/Write	680 MB/s , 610 MB/s	680 MB/s , 610 MB/s
512 Bytes IOPS - Read/Write	470,000 IOPS/470,000 IOPS	290,000 IOPS/290,000 IOPS
Latency - Read/Write	16.5 us/16.5 us	20 us/20 us
Endurance (TBW)	No Limited	No Limited
Certification		
DRAM Certificate	Kingston Hyper X Series	Micron Crucial
US/Canada	FCC 47 CFR PART 15 SUBPART B	
Europe	CE MARK,EN 55022: 2010 EN 61000-3-2: 2006 + A1: 2009 +A2: 2009,EN 61000-3-3: 2008,EN 55024: 2010 (IEC 61000-4-2: 2008, IEC 61000-4-3: 2006 +A1: 2007 +A2: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2005, IEC 61000-4-6: 2008, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004)	
Warranty	3 years (Battery for 1 year)	3 years