



Cloud Disk Drive 101 RAMDisk

Main Capacity(GB)		32GB DRAM Module (8GB x4)
DRAM Capacity(GB)		SO-DIMM x4 Socket
Back up Capacity		48GB Micro SD Card (8GB x6)
Class of Micro SD		Class 10
PCIe Connectivity		Gen 1 x4
Main Chip		M5338ε
Data Retention & Protection		RAID 5 Data Rebuild Technology
Class		Enterprise
Form Factor		Full Height / Half Length
Dimensions		4.376 x 6.6 inches
Weight		256 g
Power Consumption (Battery)	Idle	10.7 W
	Active	13.5 W
	Backup	14.6 W
	Restore	14.3 W
Power Consumption (Non-Battery)	Idle	5.1 W
	Active	7.7 W
	Backup	8.8 W
	Restore	8.5 W
Temperature	Operating	Min: 0°C / Max: 70°C
	Non-Operating	Min: 0°C / Max: 70°C
Battery Temperature	Operating	Min: 0°C / Max: 45°C
	Non-Operating	Min: -20°C / Max: 60°C
LED Status		Shine when back up, function test, SD check
Host OS Support		
Microsoft Windows	Windows Server 2008 R2	
	Windows 7 64 bit	
Linux	Ubuntu12.04	
	Cent OS 5.5/5.8/5.9	
Unix	Solaris 10U10	
Hypervisors	VM ware 4.1/5.1	
Sustained Performance		
Bandwidth (sequential)	Read	680 MB/s
	Write	610 Mb/s
512 Byte IOPS	Read	470,000 IOPS
	Write	470,000 IOPS
Latency	Read	16.5 us (< 0.01 ms)
	Write	16.5 us (< 0.01 ms)
CPU Utilization	1%	
Endurance(TBW)	No Limited	
Certifications		
DRAM Certificate	Kingston Hyper X Series (BOM List Template)	
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)	