

PRODUCT SPECIFICATIONS

NEUBE Enterprise M.2 NVMe SSD					
M.2					
Capacity		480GB	960GB	1920GB	
Performance	Sequential Read	6000 MB/s	6000 MB/s	6000 MB/s	-
	Sequential Write	700 MB/s	1400 MB/s	2000 MB/s	-
	4K Random Read	450K IOPS	750K IOPS	800K IOPS	-
	4K Random Write	25K IOPS	50K IOPS	60K IOPS	-
Power Consumption	Max	8.5W	9.5W	11.0W	-
	Idle	4W	4W	4W	-
Latency	4K Random Read	75 us	75 us	75 us	-
	4K Random Write	40 us	35 us	35 us	-
M.2 22110					
Capacity		480GB	960GB	1920GB	3840GB
Performance	Sequential Read	6000 MB/s	6000 MB/s	6000 MB/s	4500 MB/s
	Sequential Write	700 MB/s	1400 MB/s	2000 MB/s	1700 MB/s
	4K Random Read	450K IOPS	750K IOPS	800K IOPS	400K IOPS
	4K Random Write	25K IOPS	50K IOPS	60K IOPS	50K IOPS
Power Consumption	Max	8.5W	9.5W	11.0W	11.55W
	Idle	4W	4W	4.2 W	4.2 W
Latency	4K Random Read	75 us	75 us	75 us	80 us
	4K Random Write	40 us	35 us	35 us	15 us
E1.S					
Capacity		480GB	960GB	1920GB	3840GB
Performance	Sequential Read	5500 MB/s	5500 MB/s	5500 MB/s	5500 MB/s
	Sequential Write	700 MB/s	1400 MB/s	2000 MB/s	2000 MB/s
	4K Random Read	400K IOPS	600K IOPS	800K IOPS	800K IOPS
	4K Random Write	17K IOPS	34K IOPS	58K IOPS	58K IOPS
Power Consumption	Max	10.5W	11.55W	11.55W	11.55W
	Idle	4W	4W	4.2 W	4.2 W
Latency	4K Random Read	75 us	75 us	75 us	80 us
	4K Random Write	40 us	30 us	30 us	30 us
Features					
Interface	PCIe Gen4x 4, NVMe 1.4				
NAND Flash	3D TLC				
DWPD	1				
UBER	1 in 10 ¹⁷				
Operating Temperature	0°C - 70°C				
Non-Operating Temperate	-40°C - 85°C				
Key Features	<ul style="list-style-type: none"> ▪ LDPC ▪ NVME-1.4 ▪ TCG Opal 2.0 ▪ Sanitize ▪ End-to-End Data Protection 				



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