

Specifications:

Form factor: 2.5" & M.2 2280

Interface:

SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0 (3Gb/s)

Capacities²: 120GB, 240GB, 480GB, 960GB

NAND: TLC

Baseline Performance¹:

Data Transfer (ATTO):

120GB — up to 500MB/s Read and 320MB/s Write

240GB — up to 500MB/s Read and 350MB/s Write

480GB — up to 500MB/s Read and 450MB/s Write

960GB — up to 500MB/s Read and 450MB/s Write

Power Consumption:

0.195W Idle / 0.279W Avg / 0.642W (MAX) Read / 1.535W (MAX) Write

Storage temperature:

-40°C~85°C

Operating temperature:

0°C~70°C

Dimensions:

100.0mm x 69.9mm x 7.0mm (2.5")

80mm x 22mm x 1.35mm (M.2)

Weight: 41g (2.5")

5.5g (120GB – M.2) 6.7g (240GB – M.2)

Vibration operating:

2.17G Peak (7–800Hz)

Vibration non-operating:

20G Peak (10–2000Hz)

Life expectancy: 1 million hours MTBF

Warranty/support³:

Limited 3-year warranty with free technical support

Total Bytes Written (TBW)⁴:

120GB: 40TB

240GB: 80TB

480GB: 160TB

960GB: 300TB