

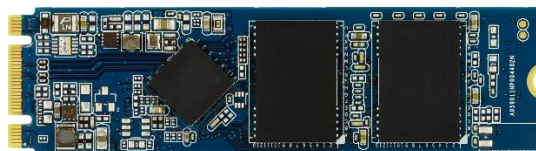
essential

S400u M.2 (2280)

SSD

Main features

Up to 10x faster than hard drive
 Small case-less M.2 2280 form factor
 Perfect for main and cache storage
 3-year warranty limited by the TBW⁴ parameter and free technical support



Performance

Parameter	120 GB	240 GB	480 GB
Compressible data read speed (max.) ¹	550 MB/s	550 MB/s	550 MB/s
Compressible data write speed (max.) ¹	530 MB/s	530 MB/s	530 MB/s
Incompressible data read speed (max.) ²	550 MB/s	550 MB/s	550 MB/s
Incompressible data write speed (max.) ²	350 MB/s	450 MB/s	410 MB/s
TBW (TB) ⁴	90	180	350

Physical parameters

Capacities ³	120 GB, 240 GB, 480 GB
Form Factor	80 x 22 x 3,5 mm (M.2 2280)
Interface	SATA III (6 Gb/s).
NAND Flash	TLC
Controller	Phison PS3111-S11

Reliability and environmental

Temperature	Operational: 0 ~ 70°C; Storage: -45 ~ 85°C
Warranty	3-year with free technical support

¹ Based on tests performed in ATTO Disk Benchmark 2.47 on SSD in FOB (fresh out of box) state. Actual results may vary depending on your system configuration or SSD wear.

² Based on tests performed in Crystal Disk Mark 3.0.3 on SSD in FOB (fresh-out-of-box) state. Actual results may vary depending on your system configuration or SSD wear.

³ Storage capacity for GOODRAM SSD is provided in decimal values, i.e. 1GB = 1 000 000 000 bytes. Operating systems that use the binary conversion, i.e. 1GB = 1,073,741,824 bytes, may show lower storage capacity than provided in this specification. For more information about capacities visit www.goodram.com/SSD.

⁴ After exceeding the TBW or 3 years, the SSD is not covered by warranty.

GOODRAM may make changes to specifications and product descriptions at any time, without notice.

Ordering information

Product	P/N	EAN	MOQ	Packaging dimensions	Product gross weight
SSDPR-S400U-120-80; SSD GOODRAM S400U 120GB SATA III M.2 2280 RETAIL	SSDPR-S400U-120- 80	5908267922804	20	162x52x10 mm	21g
SSDPR-S400U-240-80; SSD GOODRAM S400U 240GB SATA III M.2 2280 RETAIL	SSDPR-S400U-240- 80	5908267922811	20	162x52x10 mm	21,5g
SSDPR-S400U-480-80; SSD GOODRAM S400U 480GB SATA III M.2 2280 RETAIL	SSDPR-S400U-480- 80	5908267922828	20	162x52x10 mm	21,5g