IRDM
by GOODRAM

IRDM gen. 2
SSD

Main features

MLC NAND Flash
Capacities from 120 to 240 GB
3-year warranty limited by the TBW[4] parameter and free technical support



Performance

Parameter	120 GB	240 GB
Baseline read speed (max.)[1]	540MB/s	540MB/s
Baseline write speed (max.)[1]	520MB/s	520MB/s
Random 4K read (IOPS)[2]	38 000	61 000
Random 4K write (IOPS)[3]	85 000	87 000
TBW (TB)[4]	90	180

Physical Parameters

Capacities[3]	120 GB, 240 GB
Dimensions	2,5", height 7 mm (100,1 x 69,9 x 6,85 mm)
Interface	SATA III 6Gb/s (Backwards compatible with SATA II and I)
NAND Flash	MLC NAND Flash
Controller	Phison PS3111-S11

Reliability and Environment

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

Ordering information

Product	P/N	EAN	MOQ	Packaging dimensions	Product gross weight
IR-SSDPR-S25A-60; SSD GOODRAM IRDM 60GB SATA III 2,5 RETAIL	IR-SSDPR-S25A-60	5908267922637	10	140x113x15 mm	63g
IR-SSDPR-S25A-120; SSD GOODRAM IRDM 120GB SATA III 2,5 RETAIL	IR-SSDPR-S25A-120	5908267922620	10	140 x 113 x 15 mm	64g
IR-SSDPR-S25A-240; SSD GOODRAM IRDM 240GB SATA III 2,5 RETAIL	IR-SSDPR-S25A-240	5908267922644	10	140 x 113 x 15 mm	64g

[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 Iometer 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.
[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.
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