



## IRDM (GEN2)

### Main features

MLC NAND Flash

Capacities from 60 to 240 GB

3-year warranty with free technical support



### Performance

Parameter	60GB	120GB	240GB
Compressible data read speed (max.) <sup>1</sup>	550 MB/s	550 MB/s	550 MB/s
Compressible data write speed (max.) <sup>1</sup>	540 MB/s	540 MB/s	540 MB/s
Incompressible data read speed (max.) <sup>2</sup>	430 MB/s	530 MB/s	530 MB/s
Incompressible data write speed (max.) <sup>2</sup>	305 MB/s	480 MB/s	515 MB/s
Random read operations per second (4K files) (max.) <sup>3</sup>	23 000 IOPS	38 000 IOPS	61 000 IOPS
Random write operations per second (4K files) (max.) <sup>3</sup>	63 000 IOPS	85 000 IOPS	87 000 IOPS

### Physical Parameters

Capacities <sup>4</sup>	60, 120, 240 GB
Interface	2,5" SATA III
NAND Flash	MLC
Controller	Phison PS3111-S11

### Reliability and Environment

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

### Ordering information

Product	Capacity	Packaging	P/N	EAN
IRDM (GEN2)	60 GB		IR-SSDPR-S25A-60	5908267922637
	120 GB	Includes: SSD, 2.5 mm spacer	IR-SSDPR-S25A-120	5908267922620
	240 GB		IR-SSDPR-S25A-240	5908267922644

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Storage capacity for GOODRAM SSD is provided in decimal values, i.e. 1GB = 1 000 000 000 bytes.