Solid State Drives

RC100

NVME™ Speed Within Budget

480 **GB**   240 **GB**   120 **GB**
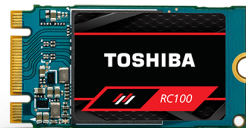
Color ●

Want to take advantage of the latest storage technologies without breaking the bank? The Toshiba OCZ RC100 brings NVME™ to everybody with performance surpassing that of SATA drives, but without the killer cost. Based off Toshiba's single package BGA SSDs, the RC100 brings strong performace and power efficiency in a compact form factor suitable for both desktops and laptops systems.

TOSHIBA ADVANCED ★★

- 64-layer 3D BiCS TLC
- PCI Express® Base Specification Revision 3.1a (PCIe®)
- Sequential Read/Write Speed: Up to 1600/1100 MB/s
- Random Read/Write Speed: Up to 150,000/110,000 IOPS

Product Specifications

Storage memory	64-layer 3D BiCS TLC		**Dimensions**	42.00 ± 0.15 mm x 22.00 ± 0.15 mm x 2.38 mm
Capacity	120 GB, 240 GB, 480 GB		**Weight**	120GB: 3.0 g (typ.) 240GB: 3.1 g (typ.) 480GB: 3.5 g (typ.)
Colours	green			
Interface	Maximum Speed 16 GT/s (PCIe® Gen3x2L) Command NVM Express™ Revision 1.2.1 command set		**Product Health Monitoring**	SSD Utility version 3.1 and above
			PCI Express	Compatible with PCI Express® Base Specification Revision 3.1a and NVM Express™ Revision 1.2.1 command set
Form Factor	M.2 type 2242-S3-B-M			
Native Command Queuing (NCQ)	No		**Operating system**	Windows® 10, Linux® Fedora 26, Fedora 27; Mint 18.1, 18.3; Ubuntu 17.10
S.M.A.R.T Support	No		**Operating Temperature**	0°C (Tc) to 70°C (Tc)
Garbage collection	No		**Storage Temperature**	-40°C to 85°C
Read only mode	No		**Shock Resistance**	14.709 km/s² {1500 G} Peak, 10~200 Hz, (20 min / Axis) x 3 Axis
Patrol Read	No			
Thermal control	No		**Certifications**	TÜV-Bauart, BSMI, RCM, CE, UL & cUL (CSA), China RoHS, KC, FCC, ISED, VCCI, WEEE, PCI Express®
MTTF	1 Mhours			
Supply Voltage	3.3 V ± 5%		**Connector Type**	M.2 B-M key Socket
Power consumption (L.1.2 Power)	5 mW (typ.)		**Targeted Applications**	Client desktops and laptos
			Performance Optimisation	TRIM, Idle Garbage Collection
Power Consumption	3.20 W (typ.)		**Service & Support**	3.Year Standard Warranty Program, Online Tech Support
			Software & Services	SSD management software: SSD Utility v3.1 and above

Product Range

Part number	Capacity	Color	EAN
THN-RC10Z1200G8(TS	120 GB	Green	811375030024
THN-RC10Z2400G8(TS	240 GB	Green	811375030031
THN-RC10Z4800G8(TS	480 GB	Green	811375030048

Contact

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