



**ARMORED WITH POWER
COOLER THAN EVER**



-  3D NAND Inside
-  NVMe 1.4
-  SLC Caching
-  Backup Software



Every **CRAS C910 M.2 SSD** offers a complimentary download for software activation key of **Acronis® True Image™ HD 2018**, which provides full disk-image backup and universal restore, allowing users to transfer data from existing disk seamlessly.

FEATURES

- Optional add-on heatsink to freely install based on ones preference
- Modern yet powerful aluminum heatsink for up to 10% temperature reduction
- Utilizes the PCI Express® Gen4 x4 interface supported by NVMe™ 1.4
- Supports AES 256-bit Hardware-based Encryption to ensure superior data security
- Intelligent SLC caching algorithm and HMB technology (Host Memory Buffer) for high endurance and performance improvement
- Powerful Hardware LDPC ECC Engine for endurance and retention improvement
- End to end data path protection with CRC parity
- SRAM error handling on major memory buffers
- Supports Global Wear Leveling for SSD lifespan extension
- Thermal throttling algorithm to protect the SSD integrity
- Self-Monitoring, Analysis, and Reporting Technology (S.M.A.R.T.)

SPECIFICATIONS

Host Interface	NVMe PCIe Gen4x4
Form Factor	M.2 2280
Capacity	500GB, 1TB, 2TB
Flash	strictly-selected 3D TLC NAND Flash
Dimension(LxWxH)	80 x 22 x 3.4 mm (with heatsink)
	80 x 22 x 2.15 mm (without heatsink)
Weight	10g (with heatsink)
	7g (without heatsink)
Warranty	5-year limited warranty

PERFORMANCE

	500GB	1TB	2TB
Sequential Read up to (MB/s)	5000	5000	5200
Sequential Write up to (MB/s)	3700	4800	4800
4K Random Read up to (IOPS)	545K	625K	590K
4K Random Write up to (IOPS)	510K	650K	660K
Endurance (TBW)	350	700	1400

*Performance may vary based on different hardware test platforms, software, operating systems, etc

ORDERING INFORMATION

Capacity	Product Number	EAN Code
500GB	K500GM2SP0-C91	4895194901600
1TB	K01TBM2SP0-C91	4895194901617
2TB	K02TBM2SP0-C91	4895194901716

