

**DESCRIPTION**

T300 512GB is an SSD hard drive using a connection interface mSata controller. This is a SSD Special Series that delivers read/write speeds up to 550/500 MBps and Support TRIM, NCQ, S.M.A.R.T, ECC, Wear-leveling. System Support: Windows XP/Win7/8/10/11, Mac OS , Linux, embedded operating systems used in control, measurement, and applications such as: Music server, Automation control....

**Precautions:**

- [1] The speed was tested by A-RAY and for the reference only.
- [2] 1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB
- [3] Definition and conditions of TBW (Terabytes Written) are based on JEDEC standard
- [4] Transmission speed will vary according to different hardware/software conditions, therefore the data can only use for basic reference.

**NOTES:**

- [5] We reserve the right to modify product specifications without prior notice.
- [6] Different devices may have a different best format for usage. It is recommended to format the device before use to ensure the correctness and the integrity of the SSD.
- [7] (1): We can use any of the above driver ICs. Basically, they do not change the performance and basic specifications.
- [8] (2): We may change any type of memory chip for any product line without notice.

**SPECIFICATIONS**

|                            |   |
|----------------------------|---|
| Series:                    | T300 Special Series   |
| Model:                     | mSata T300 512GB  |
| Capacity:                  | 512GB   |
| Performance Read/Write:    | 550/500 MBps  |
| Interface:                 | mSata   |
| Controller: <sup>(1)</sup> | Tail Goods Unlimited  |
| NAND: <sup>(2)</sup>       | Tail Goods Unlimited  |
| Support:                   | Support TRIM, NCQ, S.M.A.R.T, ECC, Wear-leveling  |
| Support Computer:          | - Desktop<br>- Laptop<br>- AIOs<br>- Server<br>- Industrial Computer<br>- Commercial Computer<br>- Consumer Computer  |
| System Support:            | Windows XP/Win7/8/10/11, Mac OS , Linux, embedded operating systems used in control, measurement, and applications such as: Music server, Automation control... |
| Operating Voltage:         | 3.3V  |
| Dimensions:                | 50*30*3.2mm   |
| Operating Temperature:     | 0 - 70°C  |
| Storage Temperature:       | -40 - 85°C  |
| Humidity:                  | 0°C ~ 50°C/5% ~ 95% RH, non-condensing  |
| Warranty:                  | Lifetime warranty – 36 months   |
| Quality Certification:     | CE, FCC, ROHs   |