



**Lenovo 4XB7A80340 internal solid state drive 800 GB 2.5" SAS V-NAND TLC**

**Brand :** Lenovo

**Product code:** 4XB7A80340

**Product name :** 4XB7A80340

ThinkSystem 2.5" PM1655 800GB Mixed Use SAS 24Gb HS

[Lenovo 4XB7A80340 internal solid state drive 800 GB 2.5" SAS V-NAND TLC:](#)

The ThinkSystem PM1655 Mixed Use SAS 24Gb SSDs in capacities of up to 6.4 TB are next-generation high-performance 24Gb SAS self-encrypting SSDs (SEDs) suitable for a wide range of applications of running on ThinkSystem servers.

This product guide provides essential presales information to understand the PM1655 SSDs and their key features, specifications, and compatibility. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the PM1655 SSDs and consider their use in IT solutions.

Lenovo 4XB7A80340. SSD capacity: 800 GB, SSD form factor: 2.5", Data transfer rate: 24 Gbit/s, Component for: Server/workstation

| Features                          |                    | Features                          |                                                                              |
|-----------------------------------|--------------------|-----------------------------------|------------------------------------------------------------------------------|
| SSD capacity *                    | 800 GB             | Certification                     | RoHS UL TUV FCC IC CB CE Mark C-Tick Mark BSMI (Taiwan) KCC (Korea EMI) VCCI |
| SSD form factor *                 | 2.5"               |                                   |                                                                              |
| Interface *                       | SAS                |                                   |                                                                              |
| Memory type *                     | V-NAND TLC         | Power                             |                                                                              |
| Component for *                   | Server/workstation | Power consumption (read)          | 11.5 W                                                                       |
| Data transfer rate                | 24 Gbit/s          | Power consumption (write)         | 14.7 W                                                                       |
| Random read (4KB)                 | 420000 IOPS        | Operational conditions            |                                                                              |
| Random write (4KB)                | 120000 IOPS        | Operating temperature (T-T)       | 0 - 70 °C                                                                    |
| Read latency                      | 120 μs             | Storage temperature (T-T)         | -40 - 85 °C                                                                  |
| Write latency                     | 45 μs              | Operating relative humidity (H-H) | 5 - 95%                                                                      |
| S.M.A.R.T. support                | ✓                  | Non-operating shock               | 1500 G                                                                       |
| Hot-swap                          | ✓                  | Maximum operating altitude        | 4572 m                                                                       |
| Mean time between failures (MTBF) | 2000000 h          | Other features                    |                                                                              |
|                                   |                    | Compatible products               | ThinkSystem                                                                  |



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### Catalog Object Cloud



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