



Lenovo 4XB7A82261 internal solid state drive 1.92 TB 2.5" Serial ATA III 3D TLC NAND



Brand : Lenovo

Product code: 4XB7A82261

Product name : 4XB7A82261

2.5" 5400 PRO 1.92TB Read Intensive SATA 6Gb HS SSD

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The ThinkSystem 5400 PRO Read Intensive SATA 6Gb SSDs are general-purpose self-encrypting SSDs (SEDs) based on the Micron 5400 PRO platform and are available in capacities ranging from 240GB to 7.86TB. They are engineered for greater performance and endurance in a cost-effective design, and to support a broader set of workloads.

This product guide provides essential presales information to understand the 5400 PRO SSDs, their key features and specifications, components and options, and configuration guidelines. This guide is intended for technical specialists, sales specialists, sales engineers, IT architects, and other IT professionals who want to learn more about the 5400 PRO SSDs and consider their use in IT solutions. Lenovo 4XB7A82261. SSD capacity: 1.92 TB, SSD form factor: 2.5", Component for: Server/workstation

| Features | | Features | |
|-----------------------------------|--------------------|---------------|--|
| Security algorithms | 256-bit AES | Certification | Micron Green Standard Built with sulfur resistant resistors CE (Europe): EN 55032 Class B, RoHS UKCA (UK): SI 2016/1091 Class B and SI 2012/3032 RoHS FCC: CFR Title 47, Part 15 Class B UL/cUL: approval to UL-60950-1, 2nd Edition, IEC 60950-1:2005 (2nd Edition); EN 60950-1 (2006) + A11:2009+ A1:2010 + A12:2011 + A2:2013 BSMI (Taiwan): approval to CNS 13438 Class B and CNS 15663 RCM (Australia, New Zealand): AS/NZS CISPR32 Class B KC RRA (Korea): approval to KN32 Class B, KN 35 Class B W.E.E.E.: compliance with EU WEEE directive 2012/19/EC TUV (Germany): approval to IEC60950/EN60950 VCCI (Japan): 2015-04 Class B IC (Canada): ICES-003 Class B Morocco: approval to EN55032/EN55024 Class B UkrSEPRO (Ukraine): EN55032 Class B, IEC60950/EN60950, RoHS (Resolution 2017 No. 139) |
| SSD capacity * | 1.92 TB | | |
| SSD form factor * | 2.5" | | |
| Interface * | Serial ATA III | | |
| Memory type * | 3D TLC NAND | | |
| Component for * | Server/workstation | | |
| Random read (4KB) | 95000 IOPS | | |
| Random write (4KB) | 33000 IOPS | | |
| Read latency | 170 µs | | |
| Write latency | 120 µs | | |
| S.M.A.R.T. support | ✓ | | |
| ECC | ✓ | | |
| Hot-swap | ✓ | | |
| Mean time between failures (MTBF) | 3000000 h | | |
| Power | | | |
| Power consumption (read) | | 3 W | |
| Power consumption (write) | | 3.6 W | |
| Weight & dimensions | | | |
| Width | | 70 mm | |
| Depth | | 100 mm | |
| Height | | 7 mm | |
| Weight | | 70 g | |
| Operational conditions | | | |
| Operating temperature (T-T) | | 0 - 70 °C | |
| Storage temperature (T-T) | | -40 - 85 °C | |
| Operating relative humidity (H-H) | | 5 - 95% | |
| Non-operating vibration | | 3.13 G | |
| Non-operating shock | | 1500 G | |



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