

# IBM TS7700 Virtual Tape Library

## IBM TS7700 at a glance

| Specifications              | Single node configuration | 8-cluster grid Max configuration |
|-----------------------------|---------------------------|----------------------------------|
| Usable disk cache*          | Up to 2.37 PB             | Up to 18.96 PB                   |
| Virtual drives              | 496                       | 3,968                            |
| TS1100 or 3592 tape drives† | 4 to 16                   | 32 to 128                        |
| Virtual volumes             | 4,000,000                 | 4,000,000                        |
| 16 Gbps FICON channels      | 8                         | 64                               |
| Maximum logical paths       | 4,096                     | 32,768                           |
| Warranty                    | One-year on-site repair   | One-year on-site repair          |

## Physical specifications

|                         |                       |
|-------------------------|-----------------------|
| Width                   | 616 mm (24.25 in.)    |
| Depth                   | 1,425 mm (56.1 in.)   |
| Height                  | 1,930.4 mm (76.0 in.) |
| Weight                  | 746 kg (1,645.0 lb.)  |
| Supported environments‡ | IBM z/OS              |
|                         | IBM z/VM              |
|                         | IBM z/VSE             |
|                         | IBM z/TPF             |

\* Not all array cache capacity is usable. Cache capacities vary with grid configurations, including a combination of TS7720, TS7740, TS7760 and TS7770 models.

† Tape support is optional.

‡ Please refer to the technical documentation for minimum software-level requirements and specific function or feature support.

**Tape - Mainframe Virtualization**  
Data Sheet



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