

Introducing 1 TB SATA Disk Drives for EMC Centera Nodes

Centera Generation 4 LP (Low Power) nodes with 1 TB SATA disk drives provide higher storage capacity, lower cost per GB, and up to 25 percent energy-efficiency improvement

Beginning in May, Centera Generation 4 LP nodes will be orderable in Direct Express and Channel Express with 1TB drives, effectively increasing capacity while lowering the cost per GB and providing higher levels of energy efficiency.

These newly supported 1TB, 7,200 rpm SATA disk drives are the largest capacity disk drives offered by any major storage vendor, providing customers with:

- **New levels of energy efficiency:** Compared with 750 GB SATA drives, the new 1 TB drives reduce power consumption per terabyte of data stored by 25 percent. The ability to consume significantly less energy per terabyte enables customers to address a key concern—data center power and cooling costs.
- **Higher capacity results in smaller footprint and lower cost:** The introduction of 1 TB disk drives increases the maximum raw capacity of Centera Generation 4 LP nodes by 33 percent to 4 TBs per node, compared to 3 TBs per node with 750 GB disk drives. This higher capacity means that fewer nodes and racks will be required for high-capacity configurations, resulting in savings per square foot over 750 GB node configurations.
- **Investment protection:** Centera Generation 4 LP nodes with 1 TB disk drives can be deployed in clusters with existing Generation 2, 3, and 4 nodes running EMC CentraStar V3.1.3 and V4.0.