

Moving from 5-year-old Supermicro Ultra DP servers to a new Supermicro H14 Hyper DP server featuring AMD EPYC 9475F processors can help organizations reduce their 5-year TCO by getting stronger database performance in a smaller footprint

How much are you costing your business by holding onto older servers?

5-year TCO for equivalent performance

US Dollars (million) | Lower is better



4x legacy Supermicro Ultra DP servers with AMD EPYC 7532 processors \$1,783,690



1x Supermicro H14 Hyper DP server (AS -2126HS-TN) with AMD EPYC 9475F with up to 5GHz max boost clock frequency and 64 cores per CPU Save \$2.8M
dollars per new
server over the next
5 years

with the high-performing Supermicro H14 Hyper DP AS -2126HS-TN server

Moving to the new Supermicro H14 Hyper DP AS -2126HS-TN server can help your organization save on costs relating to:



Licensing

Per-core licenses for VMware® vSphere® Standard, SQL Server 2022 Enterprise Edition, and Windows Server 2022 Datacenter Edition mean that licensing for 4x servers is significantly more expensive



Power consumption

New solution offers 65.2% better performance per watt and saves 42.5% of the power used by four legacy servers



Data center space

One H14 Hyper DP fits into 2U; four legacy servers take up 8U of rack space



Maintenance

Reducing the number of servers reduces the burden on admins to maintain them

Refresh and get 3.78x the database performance on a single Supermicro H14 Hyper DP

One new server can do the database work of nearly four legacy servers, which can help your organization realize big savings through consolidation. When you save power and space through consolidation, you free up resources to embark on new projects such as AI.

Transactional database performance

New orders per minute (NOPM) | Higher is better

Supermicro H14 Hyper DP server with AMD EPYC 9475F processors

7,260,166

Legacy Supermicro Ultra DP server with AMD EPYC 7532 processors 1,915,613

To see all the details about our database testing and TCO analysis, read the full report: https://facts.pt/WT3Go6U

