

"Smart DIMMs"



Dataram's "Smart DIMMs" for HPE ProLiant, Apollo, Blade and Synergy Systems

HPE's 8th and 9th generation ProLiant Rack and Tower servers, and Apollo, Blade, and Synergy systems feature advanced performance capabilities that work with "Smart" memory. These performance advantages are included in Dataram's "Smart DIMMs".

DDR4 "Smart DIMMs" provide 12% better performance when running two DIMMs per Channel (2DPC) on HPE ProLiant systems, and 28% better performance at three DIMMs per Channel (3DPC). This is because industry-standard DIMMs will slow down to 2133 MHz @ 2DPC and 1866MHz @ 3DPC. With Dataram memory, these systems can work at 2400 MHz @ 3DPC.

Dataram's DDR3 and DDR4 "Smart DIMMs" have undergone rigorous testing and validation in HP Gen9 servers and are guaranteed to be 100% compatible with HPE's SmartMemory options for Gen9 systems.

Gen9 Capacity	DDR4-2400 HPE Part	Xeon E5-2600 v4 Dataram Part
8GB	805347-B21	DRH92400RS/8GB
16GB	805349-B21	DRH92400RS/16GB
16GB	836220-B21	DRH92400R/16GB
32GB	805351-B21	DRH92400R/32GB
32GB	805353-B21	DRH92400LR/32GB
64GB	805358-B21	DRH92400LR/64GB
128GB	809208-B21	DRH92400LR/128GB

Gen8 Capacity	DDR3-1600 HPE Part	Xeon E5-2600 v2 Dataram Part
8GB	690802-B21	DRH81600R/8GB
8GB	647899-B21	DRH81600RS/8GB
8GB	731765-B21	DRH81600RLS/8GB
8GB	713983-B21	DRH81600RL/8GB
16GB	672631-B21	DRH81600R/16GB
16GB	713985-B21	DRH81600RL/16GB

Gen9 Capacity	DDR4-2133 HPE Part	Xeon E5-2600 v3 Dataram Part
8GB	726718-B21	DRH92133RS/8GB
8GB	759934-B21	DRH92133R/8GB
16GB	726719-B21	DRH92133R/16GB
32GB	728629-B21	DRH92133R/32GB
16GB	728620-B21	DRH92133LR/16GB
32GB	726722-B21	DRH92133LR/32GB
64GB	726724-B21	DRH92133LR/64GB

Gen8 Capacity	DDR3-1866 HPE Part	Xeon E5-2600 v2 Dataram Part
8GB	731761-B21	DRH81866RS/8GB
16GB	708641-B21	DRH81866R/16GB
32GB	708643-B21	DRH81866LRQ/32GB