

Latest Intel based Azure VMs + Features

	Azure VM Series	Targeted Workload	Intel® Xeon® Processor	vCPU range	Memory (GiB)	Intel Turbo Boost 2.0	Intel HT Technology	Intel AES-NI	Intel SGX	Intel AVX-512	Intel DL Boost	
General Compute	Dv2-series Dsv2-series	Relational Databases In-Memory Caching Analytics	Intel® Xeon® Platinum 8272CL Intel® Xeon® 8171M 2.1GHz Intel® Xeon® E5-2673 v4 2.3 GHz Intel® Xeon® E5-2673 v3 2.4 GHz	1-16	3.5-56	✓	✓	✓				
	Dv3-series Dsv3-series	Relational Databases In-Memory Caching Analytics	Intel® Xeon® Platinum 8272CL Intel® Xeon® 8171M 2.1GHz Intel® Xeon® E5-2673 v4 2.3 GHz Intel® Xeon® E5-2673 v3 2.4 GHz	2-64	8-256	✓	✓	✓				
	Ddv4-series Ddsv4-series	Enterprise grade Apps Relational databases, Web App Servers	Intel® Xeon® Platinum 8272CL				✓	✓	✓		✓	✓
ACC	DCsv2-series	Confidential Computing	Intel® Xeon® E-2288G	1-8	4-32	✓	✓	✓	✓			
Compute Optimized	Fsv2-series	Data Science, ML/AI Inference, Gaming	Intel® Xeon® Platinum 8168	2-72	4-144	✓	✓	✓		✓		
	HC-series	High Performance Computing	Intel® Xeon® Platinum 8168	44	352	Off	✓	✓		✓		
Memory Optimized / Large Memory	Dv2-series 11-15 DSv2-series 11-15	Memory optimized	Intel® Xeon® 8171M 2.1GHz Intel® Xeon® E5-2673 v4 2.3 GHz Intel® Xeon® E5-2673 v3 2.4 GHz	2-20	14-140	✓	✓	✓				
	Ev3-series Esv3-series	Memory Intensive IMDB / Entry IMDB	Intel® Xeon® Platinum 8272CL Intel® Xeon® 8171M 2.1 GHz Intel® Xeon® E5-2673 v4 2.3 GHz	2-64	16-432	✓	✓	✓				
	Edv4-series Edsv4-series	In-memory Apps In-memory analytics, Relational DB Servers	Intel® Xeon® Platinum 8272CL				✓	✓	✓		✓	✓
	M-series	Memory optimized SAP HANA	Intel® Xeon® Platinum 8280M Intel® Xeon® E7-8890 v3 2.5 GHZ	8-64-128	218-1792-3892	✓	✓	✓				
	Mv2-series	SAP HANA SQL Hekaton In-Memory Critical	Intel® Xeon® Platinum 8160M	208-416	11,400	✓	✓	✓		✓		
	HANA Large Instance (HLI) [Bare Metal]	SAP HANA In-Memory Critical	Intel® Xeon® Platinum 8280M Optane PMem	224	3000-9000		✓	✓				