

Cloud Compute Flavors

As in every other cloud service, hardware configurations are limited to pre-configured instance (virtual machine) types or *flavors*. Instance types comprise varying combinations of CPU, memory, storage, and networking capacity and give you the flexibility to choose the appropriate mix of resources for your applications. Each instance type includes one or more instance sizes, allowing you to scale your resources to the requirements of your target workload.

[[Compute General Purpose](#)] [[Compute Optimized](#)] [[Compute High-Throughput Optimized](#)] [[Compute Memory Optimized](#)] [[Accelerated Computing](#)]

Ephemeral disk is removed in the new flavors.
Private flavors are only accessible upon request.

Compute General Purpose

Flavor name	CPUs	RAM (GiB)	Disk (GB)	SSD	CPU Family	Other hardware	Public	Comments
cm-compute-small	1	2	10	Yes	Intel Xeon Platinum 8358		Yes	
cm14-compute-2	2	5	10	Yes	Intel Xeon Platinum 8358		Yes	
cm14-compute-4	4	11	20	Yes	Intel Xeon Platinum 8358		Yes	
cm14-compute-8	8	23	30	Yes	Intel Xeon Platinum 8358		Yes	
cm14-compute-16	16	46	40	Yes	Intel Xeon Platinum 8358		Yes	

Compute Optimized

Flavor name	CPUs	RAM (GiB)	Disk (GB)	SSD	CPU Family	Other hardware	Public	Comments
cm12-compute-8	8	16.0	50	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm12-compute-12	12	24.0	50	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm12-compute-24	24	48.0	50	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm12-compute-32	32	64.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm12-compute-40	40	80.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm12-compute-48	48	96.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm12-compute-56	56	112.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz		No	
cm13-compute-14	14	90	20	Yes	Intel Xeon Gold 5220R 2.20GHz		No	
cm13-compute-34	34	135	30	Yes	Intel Xeon Gold 5220R 2.20GHz		No	
cm13-compute-46	46	180	40	Yes	Intel Xeon Gold 5220R 2.20GHz		No	
cm13-compute-56	56	225	40	Yes	Intel Xeon Gold 5220R 2.20GHz		No	
cm13-compute-66	66	270	50	Yes	Intel Xeon Gold 5220R 2.20GHz		No	
cm14-compute-32	32	92	50	Yes	Intel Xeon Platinum 8358		No	
cm14-compute-64	64	185	100	Yes	Intel Xeon Platinum 8358		No	
cm14-compute-128	128	370	300	Yes	Intel Xeon Platinum 8358		No	

Compute High-Throughput Optimized

Flavor name	CPUs	RAM (GiB)	Disk (GB)	SSD	CPU Family	Other hardware	Public	Comments
cm12-computeib-8	8	16.0	50	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	
cm12-computeib-12	12	24.0	50	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	
cm12-computeib-24	24	48.0	50	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	

cm12-computeib-32	32	64.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	
cm12-computeib-40	40	80.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	
cm12-computeib-48	48	96.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	
cm12-computeib-56	56	112.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	Infiniband EDR	No	
cm13-computeib-14	14	90	20	Yes	Intel Xeon Gold 5220R 2.20GHz	Infiniband EDR	No	
cm13-computeib-34	34	135	30	Yes	Intel Xeon Gold 5220R 2.20GHz	Infiniband EDR	No	
cm13-computeib-46	46	180	40	Yes	Intel Xeon Gold 5220R 2.20GHz	Infiniband EDR	No	
cm13-computeib-56	56	225	40	Yes	Intel Xeon Gold 5220R 2.20GHz	Infiniband EDR	No	
cm13-computeib-66	66	270	50	Yes	Intel Xeon Gold 5220R 2.20GHz	Infiniband EDR	No	
cm14-computeib-2	2	5	10	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	
cm14-computeib-4	4	11	20	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	
cm14-computeib-8	8	23	30	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	
cm14-computeib-16	16	46	40	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	
cm14-computeib-32	32	92	50	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	
cm14-computeib-64	64	185	100	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	
cm14-computeib-128	128	370	300	Yes	Intel Xeon Platinum 8358	Infiniband HDR	No	

Compute Memory Optimized

Flavor name	CPUs	RAM (GiB)	Disk (GB)	SSD	CPU Family	Other hardware	Public	Comments
cm18-highmem-5	5	60	20	No	Intel Xeon E7-4870 2.4Ghz		No	
cm18-highmem-10	10	120.0	30	No	Intel Xeon E7-4870 2.4Ghz		No	
cm18-highmem-20	20	240	40	No	Intel Xeon E7-4870 2.4Ghz		No	
cm18-highmem-40	40	480	50	No	Intel Xeon E7-4870 2.4Ghz		No	
cm18-highmem-80	80	960	60	No	Intel Xeon E7-4870 2.4Ghz		No	
cm19-highmem-5	5	48	10	No	Intel Xeon 6230		No	
cm19-highmem-10	10	96	20	No	Intel Xeon 6230		No	
cm19-highmem-20	20	192	30	No	Intel Xeon 6230		No	
cm19-highmem-40	40	384	40	No	Intel Xeon 6230		No	
cm19-highmem-80	80	768	50	No	Intel Xeon 6230		No	

Accelerated Computing

Flavor name	CPUs	RAM (GiB)	Disk (GB)	SSD	CPU Family	Number of GPUs	GPU model	GPU Memory (GB)	Other hardware	Public	Comments
g11-gpu-1-1	1	11.4	30	No	Intel Xeon E5-2603 1.7Ghz	1	NVIDIA GeForce GTX 1080 Ti (equivalent)	11		No	
g11-gpu-2-2	2	22.7	60	No	Intel Xeon E5-2603 1.7Ghzi	2	NVIDIA GeForce GTX 1080 Ti (equivalent)	11		No	
g11-gpu-4-4	4	45.4	60	No	Intel Xeon E5-2603 1.7Ghz	4	NVIDIA GeForce GTX 1080 Ti (equivalent)	11		No	
g11-gpu-8-8	8	90.8	60	No	Intel Xeon E5-2603 1.7Ghz	8	NVIDIA GeForce GTX 1080 Ti (equivalent)	11		No	
g11-gpu-10-12	12	181.6	60	No	Intel Xeon E5-2603 1.7Ghz	10	NVIDIA GeForce GTX 1080 Ti (equivalent)	11		No	
g12-gpuib-1-8	8	16.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	1	NVIDIA Tesla V100	32	Infiniband EDR	No	
g12-gpuib-1-16	16	32.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	1	NVIDIA Tesla V100	32	Infiniband EDR	No	
g12-gpuib-1-32	32	64.0	80	Yes	Intel Xeon Gold 6230 2.1Ghz	1	NVIDIA Tesla V100	32	Infiniband EDR	No	

g12-gpuib-2-16	16	32.0	100	Yes	Intel Xeon Gold 6230 2.1Ghz	2	NVIDIA Tesla V100	32	Infiniband EDR	No	
g12-gpuib-2-32	32	64.0	100	Yes	Intel Xeon Gold 6230 2.1Ghz	2	NVIDIA Tesla V100	32	Infiniband EDR	No	
g12-gpuib-2-64	64	128.0	100	Yes	Intel Xeon Gold 6230 2.1Ghz	2	NVIDIA Tesla V100	32	Infiniband EDR	No	
g13-gpuib-1-10	10	43.9	25	Yes	Intel Xeon Gold 5220R 2.20GHz	1	NVIDIA Tesla T4	16	Infiniband EDR	No	
g13-gpuib-2-20	21	87.9	50	Yes	Intel Xeon Gold 5220R 2.20GHz	2	NVIDIA Tesla T4	16	Infiniband EDR	No	
g13-gpuib-4-42	43	175.8	100	Yes	Intel Xeon Gold 5220R 2.20GHz	4	NVIDIA Tesla T4	16	Infiniband EDR	No	
g13-gpuib-8-86	86	351.6	200	Yes	Intel Xeon Gold 5220R 2.20GHz	8	NVIDIA Tesla T4	16	Infiniband EDR	No	