

At present, Charity Engine provides three standard instance types, summarized in the table below (together with comparable AWS instances). Additional instance types will be added over time (more below). As indicated, for a wide range of workloads, Charity Engine is *at least 50% the cost of AWS*.

Instance Type	vCPU	RAM	Cost/Hour
Charity Engine			
CE.2x2	2	2	\$0.0425
CE.2x4	2	4	\$0.015
CE.4x4	4	4	\$0.085
Amazon Web Services			
c5.large (on-demand)	2	4	\$0.0850
c5.large (spot)	2	4	\$0.0301
c5.xlarge (on-demand)	4	8	\$0.1700
c5.xlarge (spot)	4	8	\$0.0615

Data Transfer	Cost/GiB
Charity Engine	
Data transfer (*Docker images, input files, output files, web requests)	Up to 100MB: Free Additional: \$0.045/GB
Amazon Web Services	
Data in (e.g. input files)	Free
Data out (e.g. output)	Starting at \$0.09 per GB

Persistent Data Storage	Cost/GiB/Month
Charity Engine	
Data storage	[to come]
Per request	Free
Amazon Web Services	
Data storage	Starting at \$0.023 per GB

Per request	\$0.0004 per 1,000 GET requests \$0.005 per 1,000 POST requests DELETE requests free
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