

Appvance IQ Load Generator Table

Estimated capacity per server or VM (varies greatly with application complexity)

Assumes E7 or newer Intel cores or EPYC AMD cores @3Ghz+.

Refer to the table below to determine Test Node capacity and configuration needs:

CPU Cores	Minimum Memory	Minimum UX-Level Browsers	Max likely UX-Level Browsers	HAR Protocol Level VU	JMeter Protocol Level tests
4	8 GB	4	8	100	20
6	12 GB	6	12	150	30
8	16 GB	8	16	250	40
12	24 GB	12	24	500	60
16	32 GB	16	32	1000	80
32	64 GB	32	32	2500	160
64	128 GB	32	64	5000	320
128	256 GB	32	64	10000	640

Using the latest Chrome browser, poor linear scalability is experienced after 30 browsers regardless of the size of the test node.

Example System Requirement Calculation

If a test specification requires UX tests to run 1000 virtual users, and each test node has an 8 Core CPU with 12 GB RAM, then 20 test nodes are required.

Calculated as:

- Test Nodes Required = Total Virtual Users / Virtual Users per Test Node
- (from the above example) 20 Test Nodes = 1000 Virtual Users / 50 Virtual Users per Test Node

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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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