



BlackBerry Workspaces

Appliance-X

Sizing requirements

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Sizing requirements

The types and numbers of servers required in your environment depends on the number of users and other usage factors. The tables below describe the minimum server specifications that you can expect depending on the number of BlackBerry Workspaces users in your organization. For help determining the ideal deployment sizing and architecture for your organization, contact to your BlackBerry Workspaces account representative.

For more information about server performance during various workloads, [download the Performance Calculator](#).

Up to 500 users (Small)

Server	Minimum specification (per server unit)
1x Main, Application, Orchestration, Front end	2 vCPU, 16 GB RAM
1x Conversion	2 vCPU, 8 GB RAM

Up to 2000 users (Medium I)

Server	Minimum specification (per server unit)
2x Main (Active/Standby)	2 vCPU, 8 GB RAM
1x Application	2 vCPU, 8 GB RAM
1x Conversion	2 vCPU, 8 GB RAM
1x Orchestration	2 vCPU, 4 GB RAM
1x Front end	2 vCPU, 4 GB RAM

Up to 5000 users (Medium II)

Server	Minimum specification (per server unit)
2x Main (Active/Standby)	2 vCPU, 8 GB RAM
1x Application	4 vCPU, 8 GB RAM
1x Conversion	4 vCPU, 8 GB RAM
1x Orchestration	2 vCPU, 4 GB RAM
1x Front end	2 vCPU, 4 GB RAM

Up to 25000 users (Medium III)

Server	Minimum specification (per server unit)
2x Main (Active/Standby)	8 vCPU, 16GB RAM
3x Application	4 vCPU, 8 GB RAM
2x Conversion	4 vCPU, 8 GB RAM
1x Orchestration	2 vCPU, 4 GB RAM
1x Front end	2 vCPU, 6 GB RAM

Up to 50000 users (Large I)

Server	Minimum specification (per server unit)
2x Main (Active/Standby) *	16 vCPU, 8 GB RAM
3x Application	8 vCPU, 16 GB RAM
2x Conversion	8 vCPU, 16 GB RAM
1x Orchestration	2 vCPU, 4 GB RAM
1x Front end	4 vCPU, 6 GB RAM

* For mySQL NDB Cluster option, contact BlackBerry Professional Services.

Up to 100000 users (Large II)

Server	Minimum specification (per server unit)
2x Main (Active/Standby) *	32 vCPU, 96 GB RAM
6x Application	8 vCPU, 16 GB RAM
4x Conversion	8 vCPU, 16 GB RAM
1x Orchestration	2 vCPU, 4 GB RAM
1x Front end	8 vCPU, 6 GB RAM

* For mySQL NDB Cluster option, contact BlackBerry Professional Services.

Up to 150000 users (Large III)

Server	Minimum specification (per server unit)
2x Main (Active/Standby) *	48 vCPU, 96 GB RAM
9x Application	8 vCPU, 16 GB RAM
6x Conversion	8 vCPU, 16 GB RAM
1x Orchestration	2 vCPU, 4 GB RAM
1x Front end	12 vCPU, 6 GB RAM

* For mySQL NDB Cluster option, contact BlackBerry Professional Services.

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