

# ClustrixDB Installation Options

The ClustrixDB Installer examines your node and recommends a configuration suitable for your environment.

Recommended defaults can be overridden as part of the installation. The following are specified as part of Step 2 of Installation.

	Prompt	Default	Description
0	Memory to use for ClustrixDB, in MiB	auto-detected	The default value is auto-detected based on the amount of memory available.
1	CPU cores to use for ClustrixDB	All	All is suggested and advised, however, this can be any number that is less than or equal to the number of cpu cores licensed for a node.
2	Database Storage Path	/data/clustrix	The path used for ClustrixDB data.
3	Storage space to pre-allocate to Clustrix DB	auto-detected	This is the amount of space that will initially be allocated for device-1, permanent storage.
4	Database Logs Path	/data/clustrix/log	This directory contains the ClustrixDB logs (query.log, clustrix.log, debug.log, etc.).
5	MySQL Protocol Unix Socket	/var/lib/mysql/mysql.sock	The location of the socket file that is necessary for communication to the database.
6	Database Listen Address	0.0.0.0	The IP address on which ClustrixDB will accept client connections. This may be a specific IP (if one is isolated for this purpose) or 0.0.0.0 to denote that any connection is allowable.
7	Database MySQL TCP Port	3306	3306 is the default TCP port used for accessing ClustrixDB.
8	Private (Back-End) IP	IP of current node	<p>The Private (Back-End) IP is the IP that will be used for internode communication.</p> <ul style="list-style-type: none"><li>• If your host has only one interface/IP, use that IP.</li><li>• For <b>multihomed hosts</b> in which one or more networks are meant for client connections while another is designated for an internal "back-end" network, the IP provided should be the latter. This is particularly important in cloud environments for which a front-end IP may have special routing, filtering, or metering rules associated.</li></ul>
9	Back End Network TCP/UDP Port	24378	24378 is the port that ClustrixDB uses for back-end network communication using both TPC and UDP.
10	OS User	root	The operating system user.
11	Management User	root	The management user.
12	Allow ClustrixDB to modify sshd_config and /etc/hosts	Yes	<p>This option enables Host Based Authentication between the nodes and allows them to communicate with each other via ssh.</p> <p>Do not alter this parameter without assistance from Clustrix Support.</p>

13	Enable HugeTLB memory allocation	Yes	Leave this parameter as Yes to enable additional (temporary) memory usage to facilitate faster system startup.
14	ClxDBI Install Path	/opt/clustrix/dbi	The path where the ClxDBI will be installed.
15	ClxDBI Listen Address	0.0.0.0	The address at which ClxDBI listens.
16	ClxDBI Log Path	/data/clustrix/log/clxdbi	The path for logs generated by ClxDBI.
17	ClxDBI PID File Path	/var/run/clustrix	The location of the PID (process identification number) file for ClxDBI.
18	ClxGUI Install Path	/data/clustrix/clxgui	The path where the ClxGUI will be installed.
19	ClxGUI Data Cache Path	/var/cache/clustrix	The path for data cached by ClxGUI.
20	ClxGUI Listen Address	0.0.0.0	The address at which ClxGUI listens.
21	ClxGUI Listen TCP Port	80	The TCP port used for HTTP communication by ClxGUI.
22	ClxGUI Log Path	/data/clustrix/log/clxgui	The path for logs generated by ClxGUI.
23	ClxGUI PID File Path	/var/run/clustrix	The location of the PID (process identification number) file for the ClxGUI.

If you have already installed ClustrixDB, see [Modifying Startup Configuration Options](#).