

Xcalibur Global

Server installation guide

Installer 4.2.0-local · Server 4.2.0 · April 2026

This guide installs Xcalibur Server (Local) 4.2.0 and opens the admin console on the same machine. The console address is <https://localhost:1013>.

1. Before installation

Item	Requirement
Operating system	Windows Server 2019 or later, or Windows 10/11 Pro.
Processor	4 cores minimum.
Memory	16 GB minimum.
Disk	100 GB SSD. The installer itself requires 201 MB free in the destination folder.
Database	SQL Server 2019, 2022 or 2025. The account needs db_owner on the Xcalibur database.

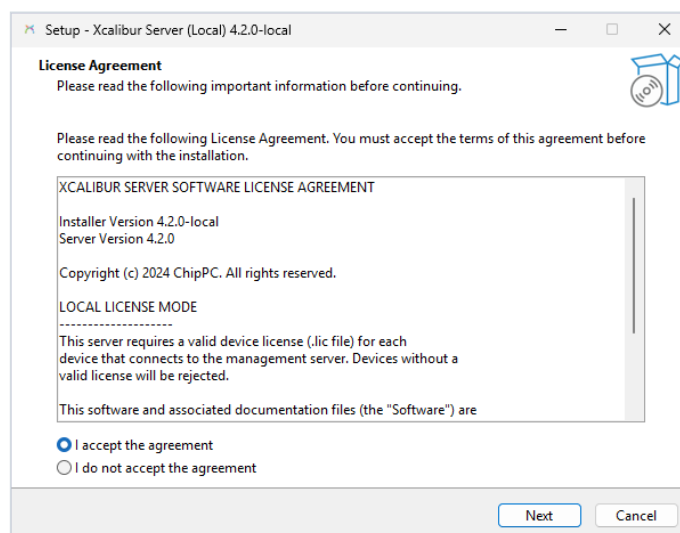
Port	Protocol	Use
1013	HTTPS / WSS	Management and device communication. Inbound.
1012	TCP	Remote-support tunnel.
1012	UDP	Automatic server discovery.
1433	TCP	SQL Server, when that database is used.

2. Install the server

Run the installer and follow the wizard. The default folder is C:\CHIPPC\Xcalibur_Global.

Step 1. License agreement

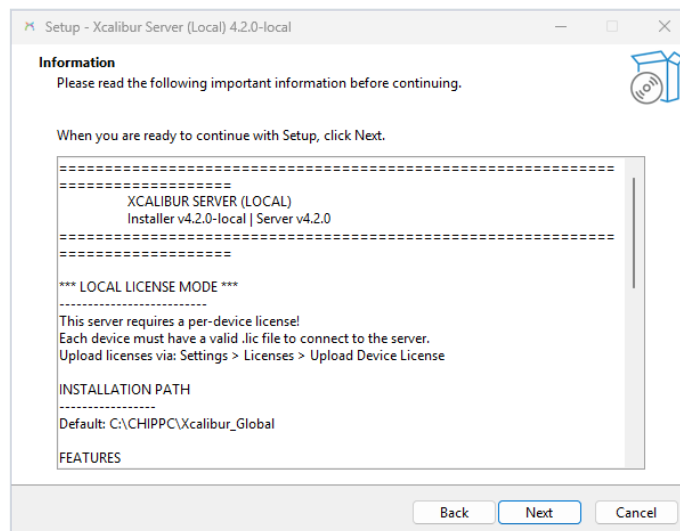
Select I accept the agreement, then click Next. The server runs in local license mode: each device needs its own .lic file.



Step 1. License agreement. Installer 4.2.0-local, server 4.2.0.

Step 2. Information

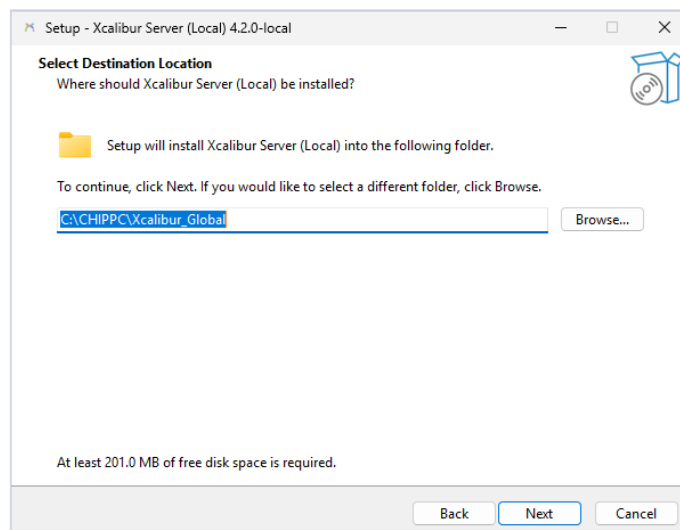
Read the version and the license note, then click Next. Device licenses are uploaded later under Settings, Licenses, Upload Device License.



Step 2. Information page, including the default installation path.

Step 3. Destination folder

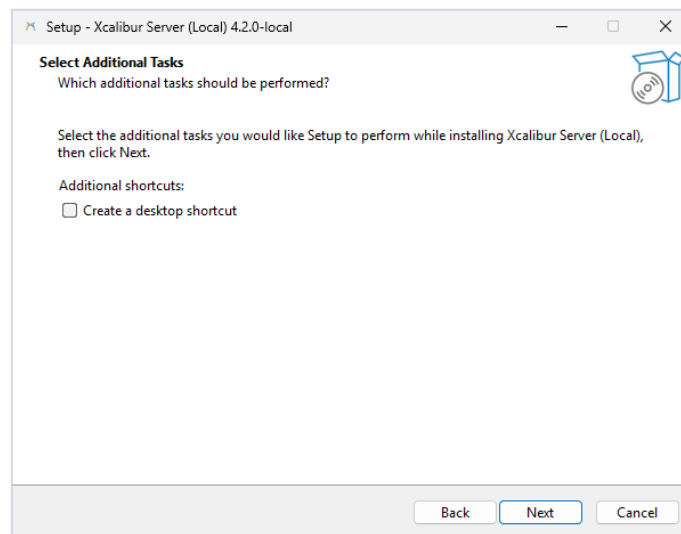
Leave the default path, or choose another folder with Browse. Click Next.



Step 3. Destination folder. Default C:\CHIPPC\Xcalibur_Global.

Step 4. Desktop shortcut

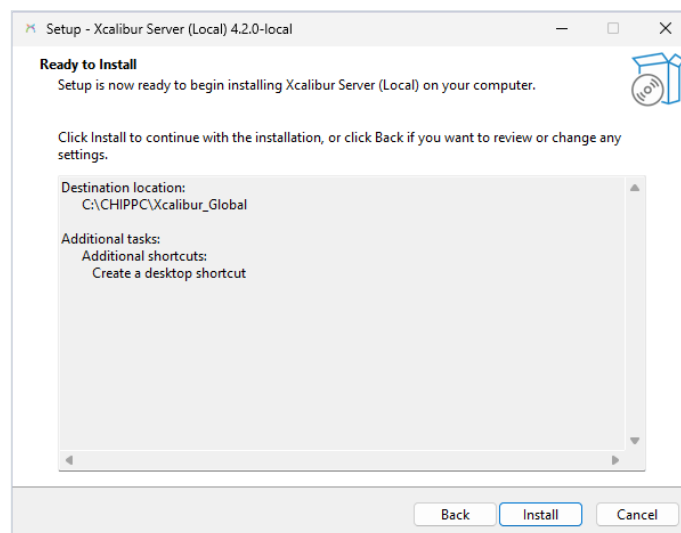
Select Create a desktop shortcut, then click Next. The shortcut is named Xcalibur Server (Local).



Step 4. Optional desktop shortcut.

Step 5. Install

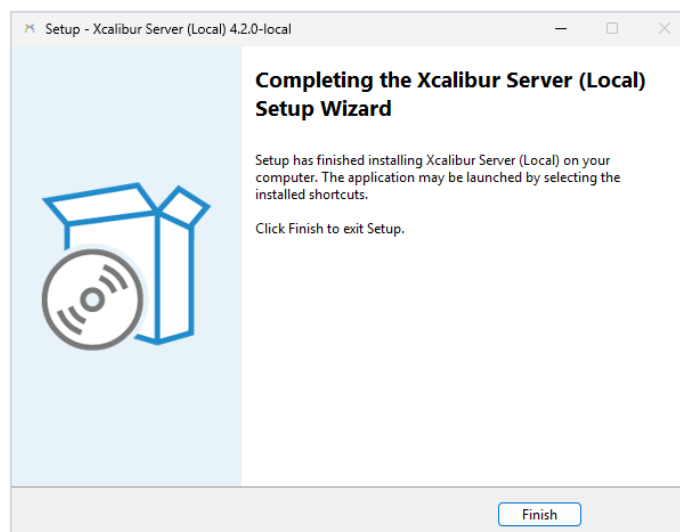
Check the destination and the shortcut, then click Install.



Step 5. Ready to install.

Step 6. Finish

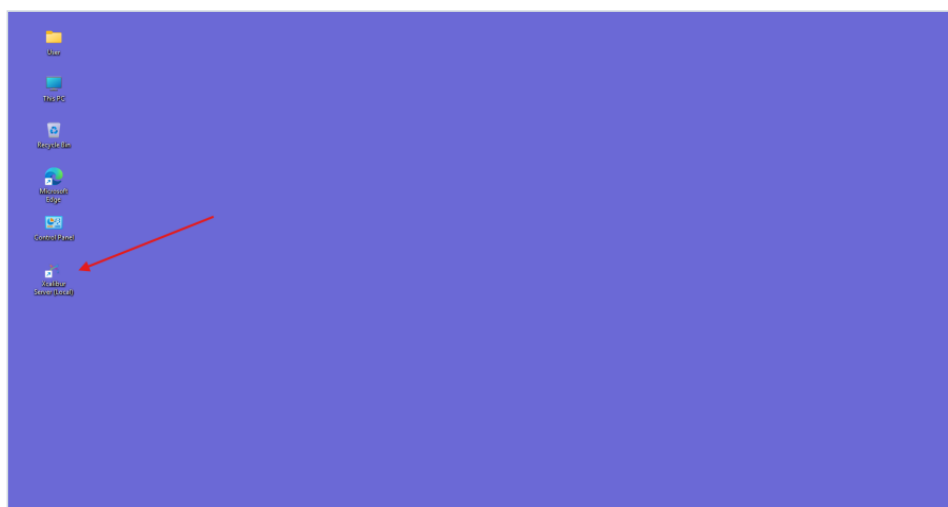
When the wizard reports that setup is complete, click Finish.



Step 6. Setup complete.

Step 7. Start the server

Double-click the Xcalibur Server (Local) shortcut on the desktop.



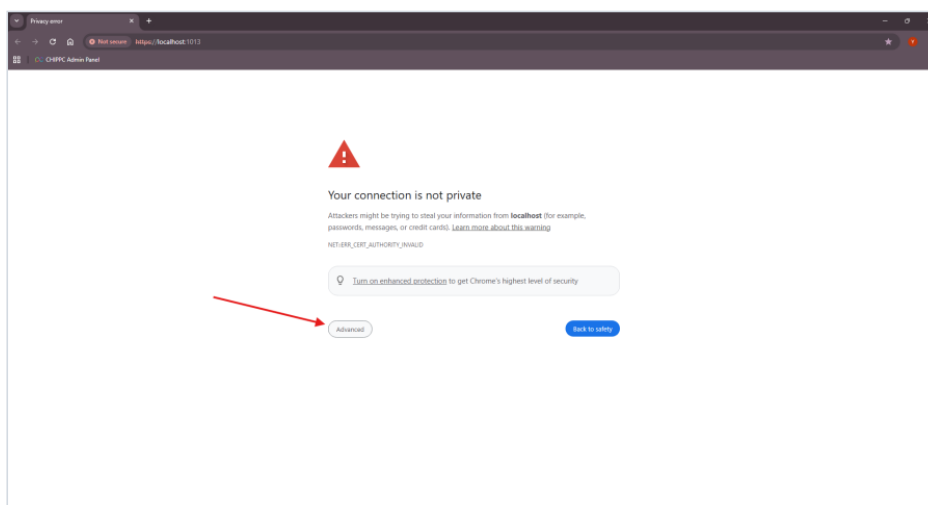
Step 7. Desktop shortcut.

3. Open the console

On the server, open a browser at <https://localhost:1013>. The first connection uses a certificate the browser does not trust yet.

Step 8. Browser warning

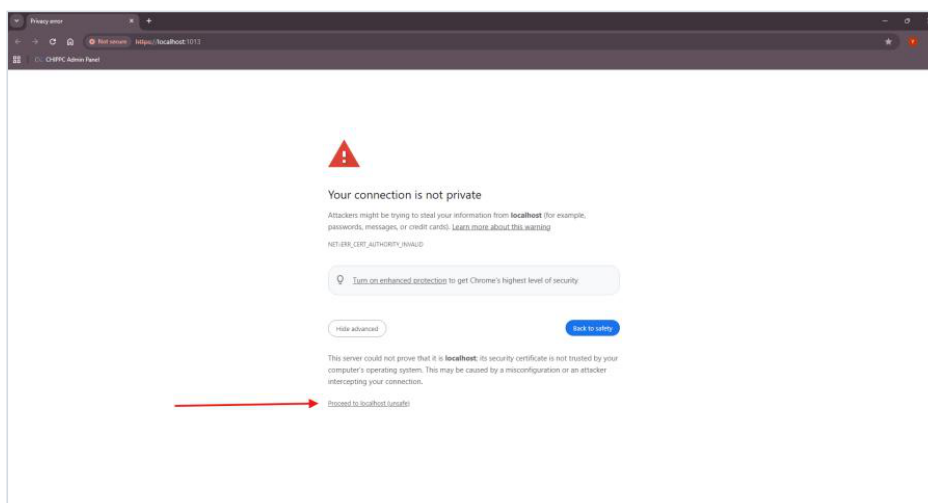
On the privacy warning, click Advanced.



Step 8. Certificate warning for https://localhost:1013.

Step 9. Continue to the console

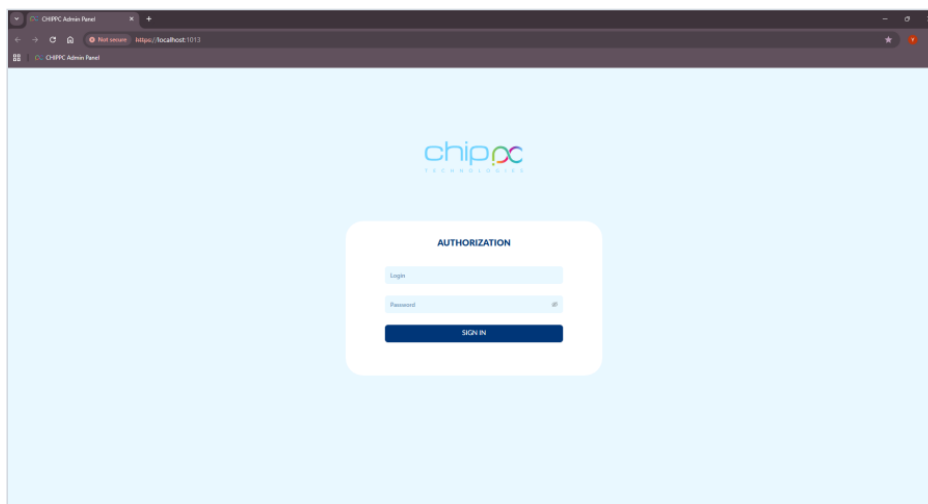
Click Proceed to localhost (unsafe). This accepts the temporary certificate for this browser only.



Step 9. Continue past the warning.

Step 10. Sign in

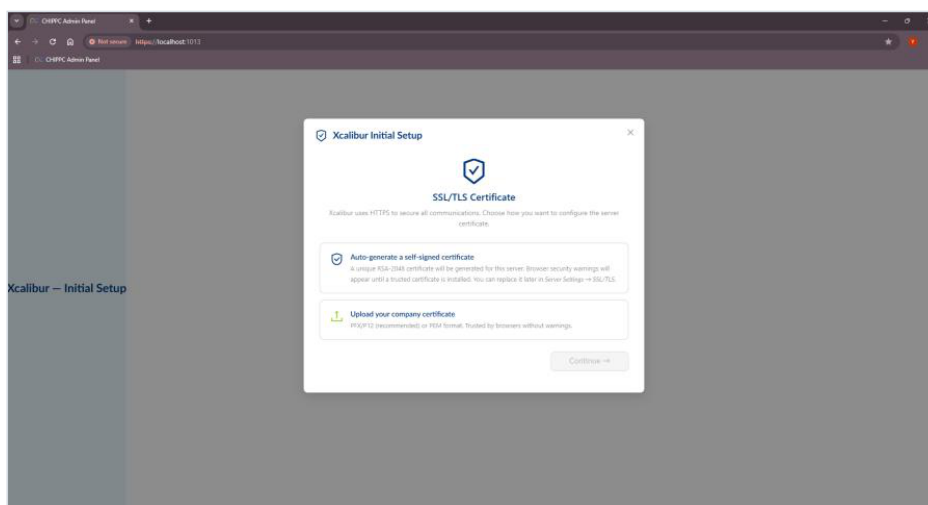
The sign-in fields are Login and Password. Use Login Admin and password admin, then click Sign in. Change this password before the server is put into use.



Step 10. Admin console sign-in.

Step 11. Server certificate

Select Auto-generate a self-signed certificate and click Continue. Browser warnings remain until a trusted certificate is installed. To avoid that, choose Upload your company certificate instead. Accepted formats are PFX/P12 or PEM. A certificate can be replaced later under Server Settings, SSL/TLS.



Step 11. Initial SSL/TLS choice.

4. Database

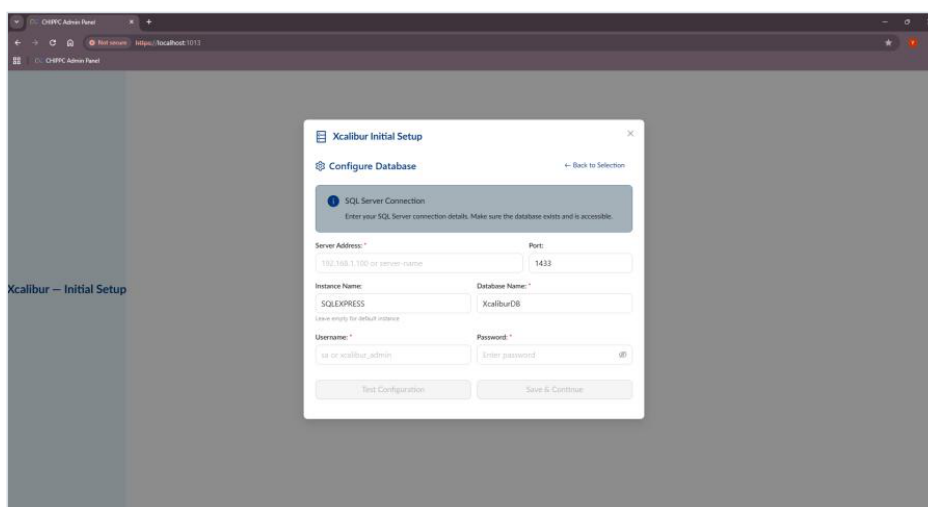
The wizard offers SQL Server Express, which it can install, or SQL Server (Existing/Manual), which connects to an instance that is already running.

Step 12. Choose the database

Select SQL Server Express (Auto Install) or SQL Server (Existing/Manual). The requirement is SQL Server 2019, 2022 or 2025.

Step 13. SQL Server connection

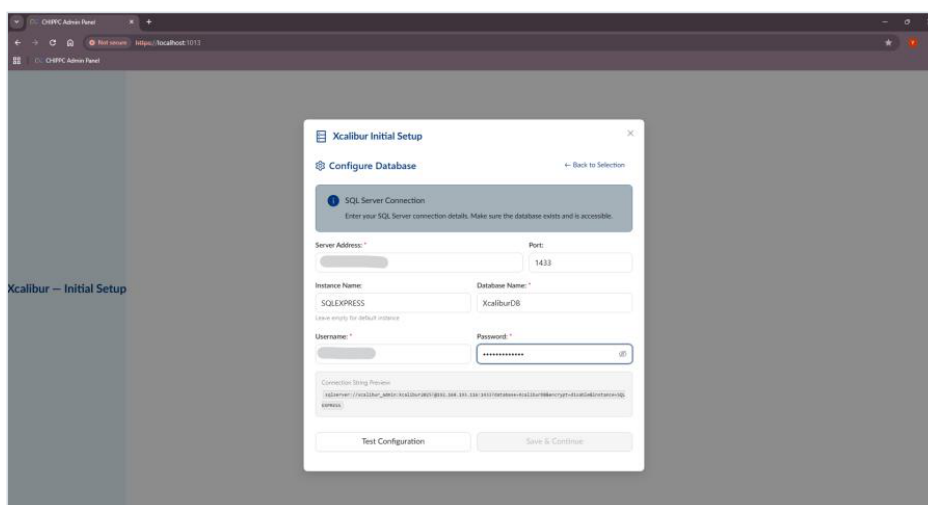
For an existing instance, enter the server address, port (1433), instance name, database name, and a login that has db_owner. Leave the instance name empty for the default instance. The values in the screenshot are an example.



Step 13. SQL Server connection fields.

Step 14. Test the connection

Click Test Configuration. Continue with Save & Continue only after the test succeeds.

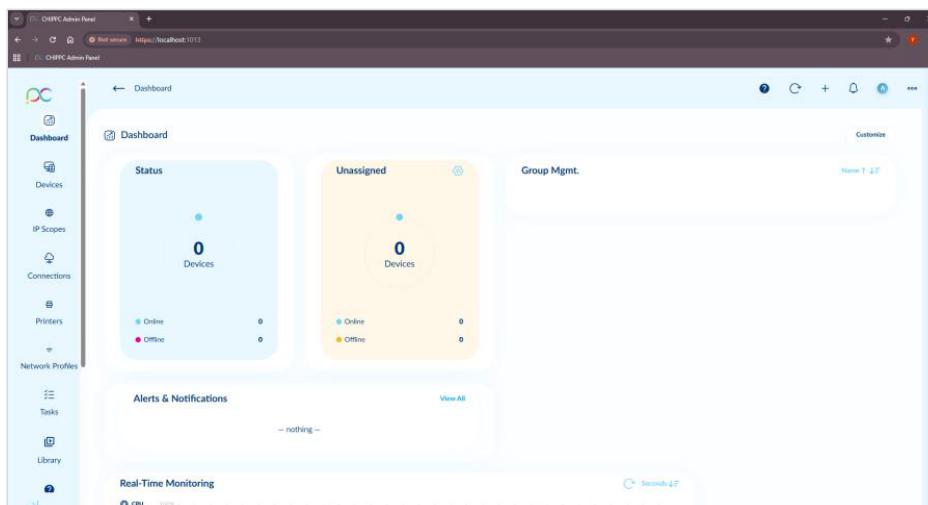


Step 14. Test Configuration before saving.

5. Dashboard

Step 15. Confirm the console

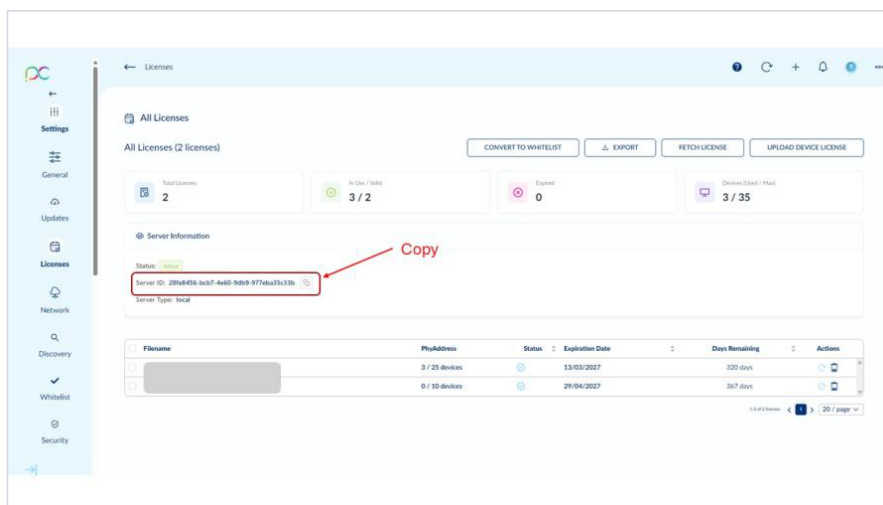
The dashboard opens when setup has finished. Device counts stay at zero until endpoints are connected.



Step 15. Dashboard after first setup.

6. License

Open Licenses. Under Server Information, copy the Server ID and send it to yanai@chippc.com. The license is generated from that code. Device license files are then uploaded with Upload Device License. A device without a valid .lic file is rejected by the server.



License page. Copy the Server ID shown for this installation. Do not reuse the identifier from another server.