

Xcalibur Global

Enterprise installation guide

Installer 4.2.0-local · Server 4.2.0 · April 2026

This guide is the production installation of Xcalibur Server (Local) 4.2.0: one server, SQL Server, and the admin console at <https://localhost:1013>. The illustrated wizard is the Server Installation Guide. The steps below are the same installer.

1. Requirements

Item	Production installation
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 requires 201 MB free in the destination folder.
Database	SQL Server 2019, 2022 or 2025, with db_owner on the Xcalibur database.

Port	Protocol	Use
1013	HTTPS / WSS	Management and device communication. Inbound. Console: https://localhost:1013 .
1012	TCP	Remote-support tunnel.
1012	UDP	Automatic server discovery.
1433	TCP	SQL Server.

2. Installation

Step	Action
1	Accept the license agreement and click Next.
2	Read the information page (server 4.2.0, local license mode) and click Next.
3	Confirm the folder. The default is C:\CHIPPC\Xcalibur_Global.
4	Select Create a desktop shortcut.
5	Click Install, then Finish.
6	Start the server from the Xcalibur Server (Local) shortcut.

3. First sign-in

Step	Action
1	Open https://localhost:1013 .
2	At the certificate warning, click Advanced, then Proceed to localhost (unsafe).
3	Sign in with Login Admin and password admin.
4	Change that password before the server is put into use.
5	On the certificate screen, either auto-generate a self-signed certificate or upload a company certificate (PFX/P12 or PEM), then click Continue. A self-signed certificate leaves a browser warning until it is replaced under Server Settings, SSL/TLS.

4. Database

Choose SQL Server Express (Auto Install) or SQL Server (Existing/Manual).

Field	What to enter
Server address	Host name or IP address of the SQL Server.
Port	1433, unless the instance listens elsewhere.
Instance name	The named instance, or leave empty for the default instance.
Database name	The database created for Xcalibur.
Login	An account with db_owner on that database.
Test	Click Test Configuration. Use Save & Continue only after the test succeeds.

5. After setup

Task	Action
Server license	On the Licenses page, copy the Server ID and send it to yanai@chippc.com.
Device licenses	Upload each device .lic file with Upload Device License. A device without a valid file is rejected.
Endpoints	Connect the devices and confirm they appear on the dashboard.
Database backup	Back up the Xcalibur database.
Ports	Allow 1013, 1012 and 1433 only where this guide requires them.

The dashboard at the end of setup shows zero devices until endpoints connect.