

# Minimum System Requirements

AtlasOA runs entirely on your institution's Windows Server. No cloud services, no external dependencies, no data leaving your network. The specifications below cover the application server only.

Component	Minimum	Recommended
Operating System	Windows Server 2019 or later	Windows Server 2022
Runtime	Python 3.10+	Python 3.12 (bundled with installer)
Database	SQLite 3.35+ (bundled)	SQLite 3.45+ (bundled)
CPU	2 cores, 2.0 GHz	4 cores, 2.5 GHz+
RAM	4 GB	8 GB
Disk	2 GB free	10 GB free (backups)
Web Server	IIS 10 (reverse proxy)	IIS 10 with HTTPS binding
Browser	Chrome 90+, Edge 90+, Firefox 90+	Latest stable release
.NET	Not required	Not required

## NETWORK PORTS

- Port 5000 (localhost only): Flask application server
- Port 443 (HTTPS) or 80 (HTTP): IIS reverse proxy to end users
- No outbound internet connections required under normal operation

## NOT REQUIRED

- No cloud subscription or SaaS account
- No SQL Server, PostgreSQL, or other external database
- No GPU or specialized hardware
- No Linux, macOS, or Docker
- No Java, .NET, or Node.js runtime

The Windows installer bundles Python, SQLite, and all dependencies. Installation takes under 15 minutes on a clean server.