Installation and Requirements

Prepare a Windows computer, database connection, network, and devices before running Muhasib ERP.

- Prepare a Computer to Run Muhasib ERP

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How to Prepare a Computer to Run Muhasib ERP in Muhasib ERP

Overview

This guide will help you have a Windows computer, SQL Server connection, and deployment information ready before launching Muhasib ERP.

The first launch may ask for database settings, activation, company onboarding, or sign-in depending on the workstation and database state. Startup can also initialize settings or apply database updates, so do not test an unfamiliar build against the only copy of production data.

Who can do this

You need access to Windows and SQL Server installation or settings may require a local administrator and a database administrator. Muhasib permissions are not required before first launch.

Before you start

Get the approved Muhasib installer or executable, the target company deployment model, and one of these database options:

- an existing Muhasib database with its SQL Server name and approved authentication method; or
- authorization and SQL Server rights to create a new Muhasib database.

For subscription activation, have access to the appropriate Websol Portal account. An more terminal also requires information from the primary workspace's pairing workflow.

> Before saving, check that the correct company is open and that you have permission to complete this task.

Where to find it

Preparation happens outside and before Muhasib; use Windows, SQL Server administration, and the approved deployment package, then launch the Muhasib executable.

Prepare a Computer to Run Muhasib ERP

System Requirements

The following requirements apply to the Windows desktop edition of **Muhasib ERP v1.0.0**.

Workstation Requirements

Component	Minimum Requirements	Recommended Requirements
Operating System	Windows 10, 64-bit	Windows 11 Pro, 64-bit
Processor	Dual-core, 2.0 GHz	Intel Core i3/i5 or AMD Ryzen 3/5
Memory	4 GB RAM	8 GB RAM or more
Storage	10 GB available space	20 GB or more on SSD
Display	1366 × 768 resolution	1920 × 1080 resolution
Network	100 Mbps LAN or stable Wi-Fi	Gigabit wired LAN
Internet	Required for activation and online services	Stable broadband connection
Architecture	x64 Windows computer	x64 Windows computer

Muhasib ERP uses **Microsoft .NET Framework 4.8**. Windows 11 includes a compatible .NET Framework version, while supported Windows versions can install .NET Framework 4.8 separately.

Database Server Requirements

For multi-terminal environments, a dedicated computer should host the Muhasib ERP database.

Component	Small Deployment	Recommended Deployment
Users/Terminals	Up to 5 terminals	More than 5 terminals

Component	Small Deployment	Recommended Deployment
Operating System	Windows 10/11 Pro, 64-bit	Windows Server 2022 or later
Processor	4-core processor	Intel Core i5/i7, Xeon, or AMD equivalent
Memory	8 GB RAM	16 GB RAM or more
Storage	50 GB SSD	100 GB or more on NVMe/SSD
Database	SQL Server Express Download Microsoft SQL Server 2016	SQL Server Standard for larger installations Download Microsoft SQL Server 2016
Network	100 Mbps LAN	Gigabit wired LAN
Backup Storage	External or secondary drive	Dedicated local and off-site backup storage

Microsoft SQL Server requires additional storage for installation files, database files, transaction logs, temporary files, and backups. Reserve at least **6 GB** of available space for the SQL Server installation itself, in addition to the storage required for Muhasib ERP databases and backups.

Recommended Database Platform

- Microsoft SQL Server 2016 Express for small and medium installations.
- Microsoft SQL Server Standard for high transaction volumes, larger databases, or larger numbers of concurrent users.
- SQL Server Management Studio for database administration and maintenance.
- Automated daily database backups.

Required Software Components

The Muhasib ERP installer or implementation package should install, provide, or verify the following components:

- Microsoft .NET Framework 4.8 or a compatible later version.
- Microsoft SQL Server Database Engine.
- Microsoft Entity Framework runtime components.
- Microsoft ReportViewer runtime.
- Required Muhasib ERP and Websol libraries.
- Appropriate Windows printer drivers.
- Latest applicable Windows security and reliability updates.

Administrator access may be required during application installation, database configuration, firewall configuration, Windows service setup, and printer installation.

Network Requirements

For a multi-terminal deployment:

- All Muhasib ERP terminals must be connected to the same reliable local network.
- A wired Ethernet connection is recommended for the database server and primary business terminals.
- The database server should use a fixed IP address or a consistently resolvable computer name.
- SQL Server TCP/IP connectivity must be enabled.
- The configured SQL Server port must be allowed through Windows Firewall.
- Network discovery and communication between the server and terminals must be available.
- Wireless connections should not be used for the primary database server.

Internet access is required for software activation, periodic licence validation, updates, tax integrations, SMS services, and other online features.

Core local operations may continue temporarily during an internet interruption, subject to the applicable licence, offline-use limits, enabled services, and system configuration.

Optional Hardware

Depending on the enabled Muhasib ERP modules and business requirements, the following devices may be used:

- 58 mm or 80 mm thermal receipt printer.
- A4 laser or inkjet printer.
- USB barcode scanner.
- Barcode or product label printer.
- Cash drawer connected through the receipt printer.
- Customer-facing display.
- Touchscreen terminal.
- Electronic weighing scale, where supported.
- UPS for the database server and client terminals.
- External drive or network storage for backups.

All peripheral devices must have compatible Windows drivers and should be tested before production deployment.

Microsoft Excel Requirement

Microsoft Excel 2013 or later is required only for reports and functions that export information directly through Microsoft Excel.

Normal Muhasib ERP operations and standard report viewing do not require Microsoft Office.

Standalone Installation

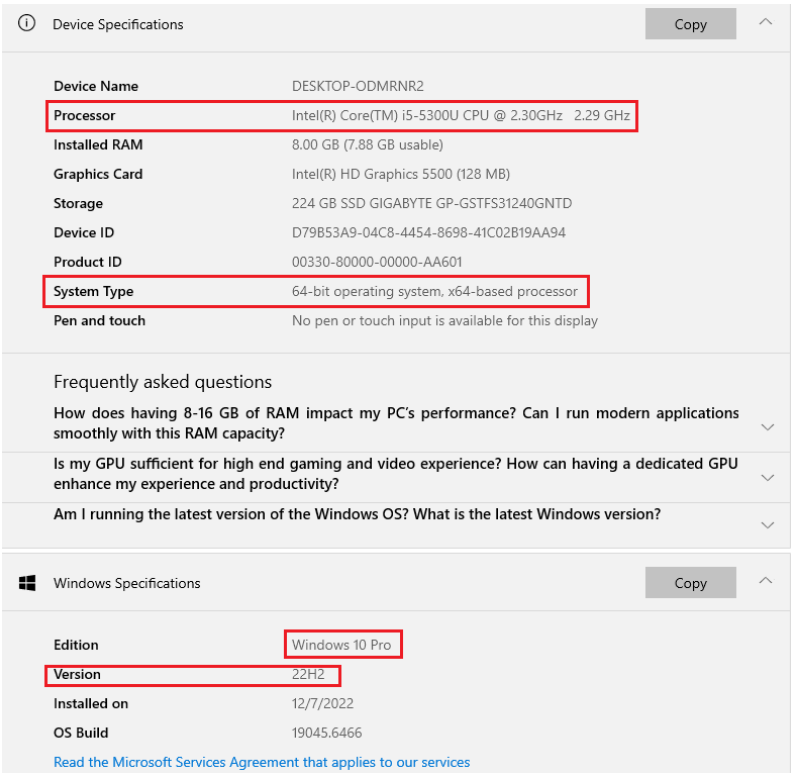
For a single-computer installation, the Muhasib ERP application and SQL Server database may be installed on the same computer.

Recommended Standalone Configuration

- Windows 11 Pro, 64-bit.
- Intel Core i3 or AMD Ryzen 3 processor or better.
- 8 GB RAM.
- 256 GB SSD.
- At least 20 GB available storage.
- Stable internet connection.
- UPS or reliable power backup.

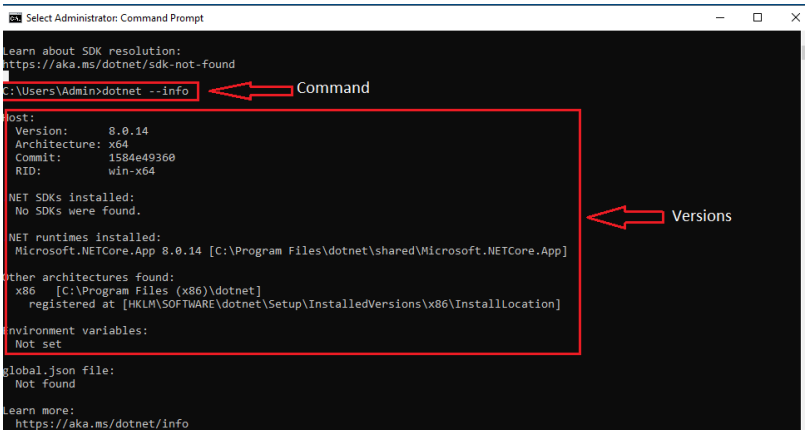
Step 1: Confirm that the computer runs an officially supported version of

Make sure the computer runs an officially supported version of Windows.



Step 2: Confirm that the supplied Muhasib release and required .NET runtime

Make sure the supplied Muhasib release and required.NET system are installed.



Step 3: Verify network access to the SQL Server that hosts the Muhasib database

Step 4: Obtain either Windows-integrated database access or a dedicated SQL login.

Get either Windows-integrated database access or a dedicated SQL login. Do not share credentials in screenshots or support messages.

Step 5: Confirm whether this computer will be the primary terminal or

Confirm whether this computer will be the primary terminal or an more terminal.

Step 6: Identify the company, location, Windows printer, and Muhasib user role

Identify the company, location, Windows printer, and Muhasib user role intended for this computer.

Step 7: If you will print receipts, invoices, or labels, install and

If you will print receipts, invoices, or labels, install and test the Windows printer first.

Step 8: Ensure a current database backup exists before connecting an older

Make sure a current database backup exists before connecting an older database to a newer Muhasib build.

Step 9: For a shared computer, decide whether remembered sign-in credentials are

For a shared computer, decide whether remembered sign-in credentials are permitted by your organization's security policy.

Check your work

You should be able to identify the executable, database server, authentication method, activation path, intended terminal type, and responsible administrator without guessing.

> Take a moment to check your work before closing the window. This small check can save time later.

If something goes wrong

- If the SQL Server or credentials are unknown, stop and contact the database administrator.
- If this is an upgrade, confirm the supported upgrade path and backup before launching.
- If activation ownership is unclear, do not transfer primary access; contact the subscription owner.

Related guides

- Launch Muhasib ERP
- Connect Muhasib ERP to an Existing Database
- Create a New Muhasib Database
- Choose the Correct Muhasib Activation Path
- Sign In to Muhasib ERP

What to do next

> **Launch Muhasib ERP**.