LENNERTS & PARTNER GmbH

SYSTEM REQUIREMENTS.

Hardware and software requirements
for the program system LP-SYSTEM

From LENNERTS & PARTNER GmbH
Mohrenstraße 12
D-96450 Coburg

Product LP-SYSTEM
As of 1 January 2026

Server 2019+

Windows Server operating system,
2022 recommended

SQL 2019+

SQL Server Standard Edition,
not included in software package

Windows 11 Pro

Workstation operating system,
.NET Framework 4.0 or higher

1. Fileserver

Minimum requirements

- Intel Xeon processor, 8 GB RAM
- Min. 80 GB free hard disk space
- Microsoft Windows Server 2019
- Microsoft SQL Server 2019 Standard Edition (note: SQL Server is not part of the software package)
- SQL Server collation: Latin1_General_CI_AS (or SQL_Latin1_General_CP1_CI_AS)
- Microsoft .NET Framework 4.0 or higher
- Additional server software requires corresponding additional memory

Recommendation

- Intel Xeon processor, 12 GB RAM
- Redundant disks (RAID 1, RAID 10), SCSI or SAS
- 120 GB disk space or more
- Network interface card, 1 Gbit or faster
- Microsoft Windows Server 2022
- Microsoft SQL Server 2022 Standard Edition (note: SQL Server is not part of the software package)
- SQL Server collation: Latin1_General_CI_AS (or SQL_Latin1_General_CP1_CI_AS)
- Microsoft .NET Framework 4.0 or higher
- Backup software, possibly with SQL backup agent
- Additional server software requires corresponding additional memory

2. Terminal Server

Given the functionality of current Windows Server operating systems (Windows Server terminal services or Citrix), it is worth considering such an environment, especially if you have older workstations that are powerful enough for daily work but not for the new solution. This setup is also popular because it allows the network, the software and security to be administered centrally.

If you intend to use terminal services, please discuss this solution with your local system provider.

For performance and security reasons, a separate server should always be used as the terminal server. Only with a small number of users (up to approx. 5) is a shared server a possible solution; in that case, however, the standard security settings for the directories must be restricted accordingly.

Recommendation for a separate server

- Intel Xeon quad-core, min. 8 GB RAM
- Mirrored hard disks, approx. 72 GB
- Network interface card
- Microsoft Windows Server 2019 or Citrix

3. Printer

Minimum requirements

- 1 unit with a suitable Windows driver
- Connected to the network (e.g. via file server or print server)

Recommendation

- 2 units with suitable Windows drivers
- Laser printers with multiple trays can be used
- Connected to the network (e.g. via file server or print server)

4. Workstation

Minimum requirements

- Intel Core i3, 4 GB RAM
- Graphics card with a resolution of at least 1024 × 768 pixels
- Mouse
- Microsoft Windows 11 Professional
- Microsoft .NET Framework 4.0 or higher
- Connected to the network
- Additional software requires corresponding additional memory

Recommendation

- Intel Core i5, 8 GB RAM
- 24" TFT display
- Network interface card, 1 Gbit or faster
- Mouse
- Graphics card with a resolution of at least 1280 × 1024 pixels
- Microsoft Windows 11 Professional
- Microsoft .NET Framework 4.0 or higher
- Connected to the network
- Additional software requires corresponding additional memory

5. Machine Control Server (only for online downloading)

Recommendation

- Same as workstation, plus:
- 19" colour monitor
- Serial ports after consultation with LENNERTS & PARTNER
- Remote access to the PC console via RDP or similar

6. Remote Access

Recommendation

- IP router, or
- Remote desktop access on the server, or
- TeamViewer

7. Uninterruptible Power Supply (UPS)

Recommendation

- Online or line-interactive UPS
- 1000 VA
- For file server, printer and operator PC

Alternative

- Online or line-interactive UPS
- 3000 VA or above
- Management software
- For the complete computer equipment

8. General Notes

For new purchases or additions, the recommended hardware should be used as the basis.

If other software products are to be used on the computer, the corresponding additional requirements stated by their manufacturers must be taken into account.

We recommend keeping a certain stock of replacement hardware in order to counteract possible failures (e.g. defects, theft).

Contact

Address	LENNERTS & PARTNER GmbH Mohrenstraße 12 96450 Coburg Germany
Phone	+49 (0) 9561 80 40-0
Support hotline	+49 (0) 9561 80 40-20
Fax	+49 (0) 9561 80 40-40
Support email	support@lennerts-partner.de
General email	info@lennerts-partner.de
Website	www.lennerts-partner.de