System
Requirements
LP-SYSTEM

1st of January 2022

SYSTEM REQUIREMENTS LP-SYSTEM

CONTENT

1 SYSTEM REQUIREMENTS LP-SYSTEM

State January 1st, 2022

1.1 Fileserver

Minimum requirements
- Intel Xeon Dual-Core, 8 GB RAM
- min. 80 GB free on hard disc
- Microsoft Windows Server 2016 R2 incl. service packs
- Microsoft SQL Server 2017 Standard Edition (Notice: the database is not part of the software package)
- SQL-Server-Collation: SQL_Latin1_General_CP1_CI_AS
- Microsoft .NET-Framework 4.0 or higher
- For further server software corresponding additional memory is necessary

Recommendation
- Intel Xeon Quad-Core, 12 GB DDR3-RAM
- Redundant discs (RAID 1, RAID 10), SCSI or SAS
- 120 GB disc space or more
- Network interface card 1 Gbit-system or faster
- MS Windows Server 2019
- Microsoft SQL Server 2019 Standard Edition (Notice: the database is not part of the software package)
- SQL-Server-Collation: SQL_Latin1_General_CP1_CI_As
- Microsoft .NET-Framework 4.0 or higher
- Backup software, possibly with SQL-Backup Agent
- For further server software corresponding additional memory is necessary

1.2 Terminal Server

According to the functionality of the new windows server operating systems (the terminal services of Windows Server or CITRIX) it is worth to consider to implement such an environment, especially if you have older workstations which are powerful enough for the daily work but not for the new solution. Moreover this solution is often used, because of the easy way to centrally administer the network, the software and the security.

So, if you intend to set in terminal services please discuss this solution with your local system solution provider.

Due to performance and security reasons always a separate server should be used for the terminal server. Only if there are not so many users (up to approx. 5 users) a shared server would be a possible solution. However, here the standard security settings for the directories would have to be adapted restrictively.

Recommendation for a separate server
- Intel Xeon Quad-Core, min. 8 GB RAM
- Mirrored hard disks, approx. 72 GB
- Network interface card
- MS Windows Server 2019 or Citrix Metaframe

1.3 Printer

Minimum requirements
- 1 unit, with suitable windows driver
- connected to the network (e. g. on fileserver, print server)

Recommendation
- 2 units, with suitable windows driver
- Laser printers with more trays can be used
- connected to the network (e. g. on Fileserver, Print server)

1.4 Workstation

Minimum requirements
- Intel Core i3, 4 GB RAM
- Graphic card with a resolution of minimum 1024 x 768 pixels
- Mouse
- Microsoft Windows 10 Professional
- Microsoft .NET-Framework 4.0 or higher
- connected to the network
- For further software corresponding additional memory is necessary

Recommendation
- Intel Core i5, 8 GB RAM
- 24" TFT Display
- Network interface card 1 Gbit-system or faster
- Mouse
- Graphic card with a resolution of minimum 1280 x 1024 pixels
- Microsoft Windows 10 Professional
- Microsoft .NET-Framework 4.0 or higher
- connected to the network
- For further software additional memory has to be considered and our technical stuff first.

1.5 Machine Control Server (Only for Online Downloading)

Recommendation
- like workstation, but additional
- 19" Colour monitor
- serial ports after consultation with LENNERTS & PARTNER
- remote access to the PC-console via RDP or similar

1.6 Modem

Recommendation
- IP-router or
- Remote desktop access on server
- Or Teamviewer

1.7 Uninterruptable Power Supply

Recommendation
- Online-work or interactive UPS
- 1000 VA
- Use for fileserver, printer, operation-PC

Alternative
- Online-work or interactive UPS
- 3000 VA or above
- Management software
- Use for complete computer equipment

For new providing or completing the recommended hardware should be taken as basis.

If other software products should be used on the computer so corresponding extensions according to their information have to be considered.

We would like to point out that it would be meaningful to have a certain inventory of replacement hardware in stock, in order to counteract possible breakdowns (e. g. defects, theft).

LENNERTS & PARTNER GmbH
Mohrenstraße 12
96450 Coburg
Germany

Fon: +49 (0) 9561/80 40- 0
Fon: +49 (0) 9561/80 40- 20
Fax: +49 (0) 9561/ 80 40- 40

www.lennerts-partner.de
support@lennerts-partner.de
info@lennerts-partner.de