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PC REQUIREMENTS

For installation of an ALEXYS® system (2024 model) in combination with Clarity® Chromatography software **version 8** and higher, a Personal Computer (PC) and LAN gigabit network switch are required for instrument control. A PC and network switch are **not** part of the Antec ALEXYS LC system and must be purchased separately from a local store. Make sure to have these parts available at the day of installation. This document describes the PC and LAN switch requirements with respect to hardware and software.

Hardware & OS

Table 1. Recommended PC requirements for Clarity control over an ALEXYS system

Parameter	Details
Processor/HD	Intel i5 - 9000 family or better, 3 GHz with 8 GB RAM memory
Hard disk	SSD or M.2 drive, NTFS partition with at least 50 GB free space
Monitor	1920x1080, 1280x1024 or 1680x1050, 64K (16 bit High color)
Ports	3 free USB ports (at least 1 is USB type 3.0)
	1 free LAN port (on-board/PCI)
OS	Microsoft Windows 11, 10, 8, 7 (64 bit)
	Win 11 support from Clarity 8.7
Version	Europe or US
Service packs	Updated to latest
Language	English
Installation	'Clean' install (no installation of vendor-supplied software/tools)

Table 2. Examples of suitable Gigabit Network Switches

Brand	Model/type
TP-link	TL-SG105(S), 5-Port Metal Gigabit Switch
	https://www.tp-link.com/en/products/details/cat-4763_TL-SG105.html
NETGEAR	GS105 (E), 5 Port Gigabit Ethernet Unmanaged Switch
	https://www.netgear.com/support/product/GS105.aspx
LINKSYS	LGS105, 5 port Gigabit Switch
	https://www.linksys.com/us/p/P-LGS105

Software

Table 2. Advised software programs

Software	Details
PDF reader	Manuals are provided in PDF file format
MS Office*	Excel and Word for data reporting and qualification procedures

*) Tip: Microsoft Office online is a free version which allows the creation of Office files in your browser. See https://www.microsoft.com/en-us/ for more information

PC settings for stabile digital communication

The table below gives a general summary of the recommended PC setting. For Windows 11 a more detailed description is given in document 'Computer settings 250_7022'.

Table 3. General settings

Item	Details
Virus scanner	Exclude scans of read/write actions in the complete C:\Clarity folder
Windows update	Change the default 'automatic' setting to 'Check for updates…'
Firewall	Put the Clarity executables in the exception list of the (Windows) firewall
Energy saving	Deactivate all power saving options (auto shutdown, sleep, hybrid sleep and hibernate mode) of the computer hardware incl. USB and LAN ports
User accounts	Administrator rights (during installation)
21CFR part 11*	An NTFS file system with properly set and administered user privileges

*) If required. For more info how to set-up Clarity for 21CFR part 11 compliance please refer to the following manual: https://downloads.dataapex.com/documentation/clarity/manuals/solutions/clarity-in-regulated-environment.pdf