

system requirements

Please contact your specialist wholesaler or IT service about the necessary hardware requirements. byzz[®]nxt has the following minimum requirements for the computer system, depending on the intended purpose.

Minimum system requirements:

Client:

- » 4 GB RAM
- » 2 GB free space on the hard drive
- » Dual Core CPU
- » DX10 graphics card with 512 MB
- » ATI / AM D: Radeon HD 4650 and higher
- » N V I D I A: From the 8000 series (from 8400 GS), 9000 series (from 9400 GT), or higher series
- » Screen resolution: 1280 x 720

Server:

- » 4 GB RAM
- » 500 GB free space on the hard drive (depends on the scope of the byzz[®]nxt package that has been purchased, the number of patients, and the type of data). If the patient data are transferred to another storage system (e.g., NAS), the server requires a minimum of 4 GB of free space on the hard drive.
- » Dual Core CPU

Recommended equipment:

Client:

- » Quad Core CPU
- » DX11 graphics card with 2 GB or more
- » Screen resolution: 1920 x 1080 (Full HD)
- » SSD hard drive

Server:

- » Quad Core CPU
- » SSD hard drive
- » Image Server (NAS) optionally possible

In server / client operation:

- » Network with 1 Gbit or higher

Operating system:

- » **Windows 8.1** or later
(32 or 64 bit – please note that not all hardware interfaces are possible under 64 bit).
- » **Important:** byzz[®]nxt cannot be installed on an operating system in which only applications from the Microsoft/Windows Store can be added (e.g. Windows 10 S which is used on the Microsoft Surface Go for example).
- » Server operating system: Server 2012, Server 2016, Server 2019
- » All installed operating systems must be maintained up-to-date (latest published patches/updates)
Further information: <https://docs.microsoft.com/en-gb/windows/release-information/>

Printers:

- » byzz[®]nxt supports all printers and DICOM printers compatible with Microsoft Windows.

Note:

Please note that we can only guarantee that byzz nxt will function properly with a workstation on native installations of Microsoft Windows operating systems (Windows 8.1 / 10 / Server 2012 / Server 2016 / Server 2019) (examples of non-native systems: Virtual Machines, Parallels, VirtualBox, Wine, Boot Camp, etc.).



system requirements

Requirements for the terminal server:

If it is planned to operate **byzz[®]nxt** on a terminal server, the following additional requirements must also be met for the operation:

Server requirement:

- » Sufficient RAM for the possible number of sessions (simultaneously connected PCs).
- » Terminal server role installed and also sufficient number of licenses to cover possible users (ATTENTION! high costs).
- » Permissions and accessibility available in the practice network.
- » **byzz[®]nxt** is installed as single-user version (server+client) with sufficient users licensed (the same number as the sessions purchased for the terminal server is useful).
- » If a terminal-capable PMS is used, check that access rights are correctly set for the VDDS_MMI.ini in the Windows directory of the terminal server for remote desktop operation as well.

Client requirement:

- » Terminal program installed – e.g., remote desktop connection (standard for Windows systems).
- » Access to the practice network and sufficient rights for the users who are logged in.

Workflow:

- » You connect to the relevant terminal server and the screen for your server session is displayed by the terminal program. You can now start **byzz[®]nxt** as usual. If you use a terminal-capable PMS, then you can access the patients via PMS in **byzz[®]nxt** as though it were a normal PC.
- » For each terminal connection a session with its own RAM is created on the server. The terminal capability allows **byzz[®]nxt** to be started more than once on the same PC. The individual sessions are separated so that in the ideal case it is not apparent how many users are concurrently using the program.
- » If extreme delays develop when using **byzz[®]nxt** and the additional programs, the RAM or the number of cores in the processors of the server may be dimensioned too small.

Note:

Please note that we can only guarantee that **byzz nxt** will function properly with a workstation on native installations of Microsoft Windows operating systems (Windows 8.1 / 10 / Server 2012 / Server 2016 / Server 2019) (examples of non-native systems: Virtual Machines, Parallels, VirtualBox, Wine, Boot Camp, etc.).

