

Technical parameters of the NEXI GO Performance 16 server

- processor with a minimum frequency of 4.2 GHz, at least 16 cores
- DDR5 operating memory, minimum capacity 128 GB
- 4 TB M.2 SSD with a minimum endurance of 2400 TBW
- 2x graphic card with a minimum of 8 GB RAM
- GbE LAN (10/100/1000 Mbit/s)
- sound card
- computer power supply 1000 W with minimum efficiency 80 Plus Gold
- PC case with dust filters and sound proofing

The basic package of the NEXI GO Performance 16 server also includes:

- server assembly to your specifications
- basic server configuration
- installation of Windows Server 2022 OS **trial version**
- installation of the NEXI Board management console

Microsoft licence required for Server NEXI GO Performance 16

Education

- 1x Windows Server 2022 Standard – 16 Core License Pack EDU

Business

- 1x Windows Server 2022 Standard – 16 Core License Pack

Microsoft licences are not part of NEXINEO's delivery and therefore need to be purchased and activated by the customer themselves. The manual for activating Windows licences can be found on the Support page of the e-shop.

Optional accessories

The NEXI GO Performance 16 Server does not include a built-in CD/DVD-ROM drive. If necessary, we recommend ordering an external CD/DVD-ROM in our e-shop.

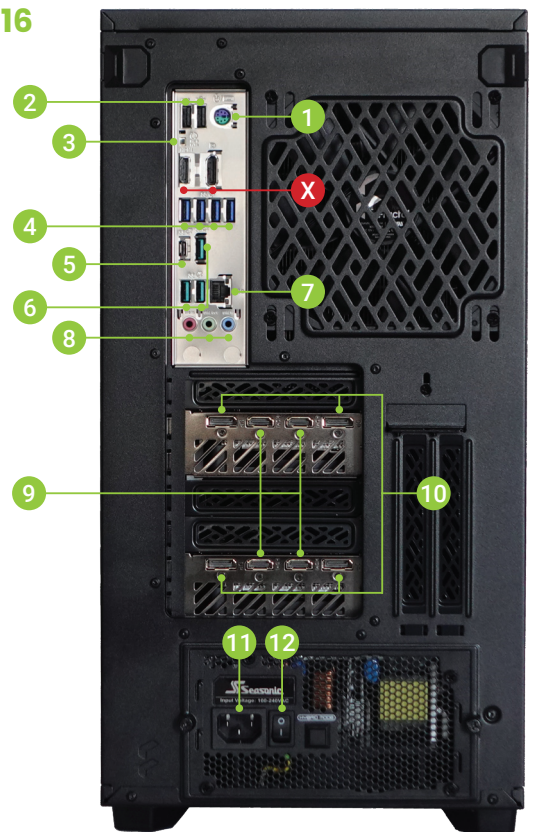


The NEXI GO Performance server delivers power, stores data, and runs applications for the NEO virtual desktop devices. The NEXI GO Performance server comes pre-installed with the Windows Server 2022 **trial version** and a pre-installed NEXI Board management console. Any technician with a basic knowledge of Windows OS can easily install the teaching applications.

NEXI GO Performance 16 server connections

Server NEXI GO Performance 16 Back panel

- 1 PS/2
- 2 2 x USB 2.0 (2 x Type-A)
- 3 BIOS FlashBack button
- 4 4 x USB 3.2 (Type-A)
- 5 1 x USB 3.2 (Type-C)
- 6 3 x USB 3.2 (Type-A)
- 7 RJ-45 Ethernet
- 8 3 x 3,5mm Audio jack
- 9 4x HDMI Port
- 10 4x DisplayPort
- 11 Power supply
- 12 Power button
- X Inactive ports



Server NEXI GO Performance 16 Front side

- 1 2x 3,5 mm Audio jack
- 2 Reset button
- 3 USB Type-C
- 4 Power button
- 5 LED diode
- 6 2x USB 2.0 (Type-A)
- 7 2x USB 3.0 (Type-A)



The NEXI GO Performance 16 server has the Windows Server 2022 OS installed, which runs the NEXI Board management console. The NEXI Board management console provides communication between the NEO virtual desktop devices and the server via a LAN network. RDP with graphic acceleration developed directly for the NEO devices is used as the basic two-way communication protocol (it does not require a CPU or large RAM on the terminal; everything takes place on the server). Just like with traditional solutions, every user has his/her own desktop, applications and settings. The NEXI GO Performance solution is ideal if you and your students use more demanding applications that are compatible with Windows Server 2022 OS such as Autodesk AutoCAD, Revit, Inventor, TinkerCAD, or Geogebra.

Basic components used in NEXI GO Performance 16 servers

| | |
|------------|---|
| CASE | Fractal Design Define 7 |
| MBD | ASUS PRIME X670-P-CSM |
| CPU | AMD Ryzen 9 7950X |
| CPU COOLER | Noctua NH-D15 |
| RAM | 2x Kingston FURY 64GB KIT DDR5 5200MHz CL40 Beast Black |
| GPU | 2x GIGABYTE GeForce RTX 4060 EAGLE OC 8G |
| SSD | Samsung 990 Pro 4 TB M.2 |
| PSU | Seasonic Focus Plus 1000 Gold |

Alternative components that can be used in NEXI GO Performance 16 servers

| | |
|-------------|--|
| CASE1 | Fractal Design Define R6 |
| CASE2 | Fractal Design Define R5 |
| MBD1 | ASUS PRIME X670-P WIFI |
| MBD2 | ASROCK X670E PG Lightning |
| CPU1 | AMD Ryzen 9 7950X3D |
| CPU COOLER1 | Noctua NH-U12A |
| RAM1 | 2x Corsair 64GB KIT DDR5 5600MHz CL40 Vengeance Grey for AMD |
| RAM2 | 2x Kingston FURY 64GB KIT DDR5 5200MHz CL40 Beast White XMP |
| GPU1 | 2x GIGABYTE GeForce RTX 4060 OC Low Profile 8G |
| GPU2 | 2x GIGABYTE GeForce RTX 4060 GAMING OC 8G |
| SSD1 | WD BLACK SN850X NVMe 4 TB |
| SSD2 | Kingston KC3000 NVMe 4TB |
| PSU1 | Seasonic Prime GX-1000 |
| PSU2 | Seasonic Focus GX-1000 ATX 3.0 |

If these components are not available from our suppliers at the time of your order, the alternative components of NEXI GO Performance 16 servers can be used, while complying with the minimum parameters specified in the section "Technical parameters of the NEXI GO PERFORMANCE 16 SERVER".

NEXINEO

WELCOME TO THE FUTURE OF TEACHING

NEXINEO has many **years of experience** in designing and specifying servers for NEXINEO virtualized computer classrooms, which are currently **used by hundreds of schools in Europe**. NEXI GO servers use high-quality components and therefore feature **long service life and high reliability**. Each NEXI GO server undergoes a thorough stress test before being shipped to the customer.