



## Lenovo ThinkStation P620 AMD Ryzen Threadripper PRO 5945WX 64 GB DDR4-SDRAM 2 TB SSD NVIDIA RTX A5500 Windows 11 Pro Tower Workstation Black

**Brand :** Lenovo

**Product family:** ThinkStation

**Product code:** 30E000YFUS

**Product name :** P620

- Windows 11 Pro 64-bit  
- AMD Ryzen Threadripper PRO 5945WX (64MB Cache, 4.1GHz)  
- NVIDIA RTX A5500 (24GB GDDR6)  
- 64GB (3200MHz) DDR4-SDRAM & 2000GB SSD  
AMD Ryzen Threadripper PRO 5945WX (64MB Cache, 4.1GHz), 64GB DDR4-SDRAM, 2000GB SSD, NVIDIA RTX A5500 (24GB GDDR6), LAN, Windows 11 Pro 64-bit  
Lenovo ThinkStation P620. Processor frequency: 4.1 GHz, Processor family: AMD Ryzen Threadripper PRO, Processor model: 5945WX. Internal memory: 64 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 3200 MHz. Total storage capacity: 2 TB, Storage media: SSD. Discrete graphics card model: NVIDIA RTX A5500. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 1000 W. Chassis type: Tower. Product type: Workstation. Product colour: Black



| Processor                          |                                           | Network                                           |                  |
|------------------------------------|-------------------------------------------|---------------------------------------------------|------------------|
| Processor manufacturer *           | AMD                                       | Bluetooth                                         | ✗                |
| Processor family *                 | AMD Ryzen Threadripper PRO                | Ports & interfaces                                |                  |
| Processor generation               | AMD Ryzen Threadripper PRO 5000 WX-Series | USB 2.0 ports quantity *                          | 2                |
| Processor model *                  | 5945WX                                    | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6                |
| Processor cores                    | 12                                        | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 2                |
| Processor threads                  | 24                                        | Ethernet LAN (RJ-45) ports                        | 1                |
| Processor boost frequency          | 4.5 GHz                                   | Combo headphone/mic port                          | ✓                |
| Processor frequency *              | 4.1 GHz                                   | Headphone outputs                                 | 1                |
| Processor cache                    | 64 MB                                     | Line-out                                          | ✓                |
| Processor cache type               | L3                                        | Line-in                                           | ✓                |
| Memory                             |                                           | Microphone in                                     | ✓                |
| Internal memory *                  | 64 GB                                     | PS/2 ports quantity                               | 2                |
| Maximum internal memory *          | 1 TB                                      | Power                                             |                  |
| Internal memory type               | DDR4-SDRAM                                | Power supply *                                    | 1000 W           |
| Memory slots                       | 8x DIMM                                   | 80 PLUS certification                             | 80 PLUS Platinum |
| Memory clock speed                 | 3200 MHz                                  | Design                                            |                  |
| ECC                                | ✓                                         | Chassis type *                                    | Tower            |
| Storage                            |                                           | Volume                                            | 33 L             |
| Total storage capacity *           | 2 TB                                      | Placement supported                               | Vertical         |
| Storage media *                    | SSD                                       | Cable lock slot                                   | ✓                |
| Optical drive type *               | ✗                                         | Cable lock slot type                              | Kensington       |
| Number of storage drives installed | 1                                         | Product colour *                                  | Black            |
| Total SSDs capacity                | 2 TB                                      | Software                                          |                  |
| Number of SSDs installed           | 1                                         | Operating system architecture                     | 64-bit           |
| SSD capacity                       | 2 TB                                      | Operating system language                         | English          |
| SSD interface                      | PCI Express 4.0                           | Operating system installed *                      | Windows 11 Pro   |
| NVMe                               | ✓                                         | Audio                                             |                  |
| SSD form factor                    | M.2                                       | Audio chip                                        | Realtek ALC4050H |
| Card reader integrated             | ✓                                         | Operational conditions                            |                  |
| Graphics                           |                                           | Operating temperature (T-T)                       | 10 - 35 °C       |
| Discrete graphics card *           | ✓                                         | Storage temperature (T-T)                         | -40 - 60 °C      |
| Discrete graphics card model *     | NVIDIA RTX A5500                          | Operating relative humidity (H-H)                 | 10 - 80%         |
| Discrete graphics card memory      | 24 GB                                     |                                                   |                  |
| Discrete graphics memory type      | GDDR6                                     |                                                   |                  |

| Graphics                          |                      | Operational conditions          |                                        |
|-----------------------------------|----------------------|---------------------------------|----------------------------------------|
| Number of discrete graphics cards | 1                    | Storage relative humidity (H-H) | 10 - 90%                               |
| Performance                       |                      | Operating altitude              | -15.2 - 3048 m                         |
| Motherboard chipset               | AMD WRX80            | Non-operating altitude          | -15.2 - 10668 m                        |
| Password protection               | ✓                    | Weight & dimensions             |                                        |
| Password protection type          | Power on, Supervisor | Width *                         | 165 mm                                 |
| Trusted Platform Module (TPM)     | ✓                    | Depth *                         | 446 mm                                 |
| Product type *                    | Workstation          | Height *                        | 460 mm                                 |
| Network                           |                      | Weight *                        | 24 kg                                  |
| Ethernet LAN *                    | ✓                    | Packaging content               |                                        |
| Ethernet LAN data rates           | 10,100,1000 Mbit/s   | Mouse included                  | ✓                                      |
| Wi-Fi *                           | ✗                    | Keyboard included               | ✓                                      |
| Certificates                      |                      |                                 |                                        |
|                                   |                      | Certification                   | EPEAT Silver GREENGUARD RoHS compliant |



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