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# THE LENOVO® THINKSTATION® D30 WORKSTATION

## BUILT FOR EXTREME PERFORMANCE AND RELIABILITY

ULTIMATE PROCESSOR SUPPORT WITH THE LATEST INTEL® XEON® PROCESSORS

WINDOWS 8 PRO FOR BETTER PRODUCTIVITY

EXTREME GRAPHICS PERFORMANCE WITH UP TO 2 NVIDIA® QUADRO 6000 CARDS

MAXIMUS CONFIGURATIONS USING A TESLA C2075 GPU PAIRED WITH A QUADRO GRAPHICS CARD

MULTI-TERABYTE INTERNAL AND EXTERNAL STORAGE CAPABILITY WITH SAS/SATA RAID5 SUPPORT*

FASTER PROCESSING WITH SUPPORT FOR UP TO 256GB 1600MHZ DDR3 MEMORY

TESTED AND CERTIFIED BY ISVS TO RUN PERFORMANCE CRITICAL APPLICATIONS

Unveiling the Lenovo® ThinkStation® D30 workstation – extreme performance machines designed for high-end professional computing. Experience the latest fast running Intel® Xeon® eight core processors and high-performance dual NVIDIA® Quadro graphics. The ThinkStation® D30 is designed for professionals who demand the ultimate in performance and reliability.

Professionals in the segments of Computer-Aided Design (CAD), Computer Aided Engineering (CAE), Computer-Aided Manufacturing (CAM), 3D Digital Content Creation (DCC), Video Creation/Editing, Pharma/Biotech Research, and Oil and Gas, rely on the ThinkStation D30 workstation's performance, exceptional expandability, and configuration flexibility. Professionals working on D Series bank their business on product designing, styling, graphic modeling, simulations, animation, visualization, heavy-duty number crunching, and financial modeling.

With higher storage capacity five internal and one external hard disk drives and higher memory power of 256GB 1600MHz 16 DIMMs, the D30 stores and processes more data, faster. USB 3.0 support and 25-in-1 card reader extends data transfer capability. Work faster and ideate for longer while maximizing productivity with extreme performance and eco-friendliness. The ThinkStation D30 is the ultimate machine with the ultimate power.

*With specific HDD enablement module or adapter

**LENOVO ENHANCED EXPERIENCE FOR WINDOWS® 7.**
**FAST. SECURE. BUILT FOR BUSINESS.**

Discover a better way of doing business with the new Lenovo Enhanced Experience for Windows® 7 on Think PCs. Faster, more durable and greener Think PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.

Windows® 7

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## UNMATCHED PERFORMANCE

- Latest Intel® Xeon® E5 2600 processors with higher performance over previous generation processors
- Windows® 7 Professional for Better productivity
- Supports up to two NVIDIA Quadro 6000 adapters to boost graphics performance.
- Better memory performance with support for 256GB 1600MHz DDR3 DIMMs
- Larger storage capacity with terabyte internal and external hard disk drive capacity

## GUARANTEED RELIABILITY AND COMFORT

- Quick and easy maintenance and upgrades of key components with comfortable tool-less access into the chassis
- ISV certified and tested for greater performance and reliability
- Maximum reliability and user comfort than the competition; designed ergonomically

## QUIET, COOL, AND ECO-FRIENDLY

- Quiet and cool: Minimum acoustics and heat, maximum productivity
- Championing eco-friendliness with Up to 80 Plus Gold power supply and 65% recycled plastics
- Increased energy efficiency with compliance to GreenGuard certification and EPEAT Gold standards

## SOFTWARE OFFERINGS

### SUPPORTED OPERATING SYSTEMS

- Windows® 7 Ultimate (64bit)
- Windows® 7 Professional (32bit)
- Windows® 7 Professional (64bit)
- Windows 8
- Windows 8 Pro
- RHEL Linux 6.2

### SUPPORTED TVT TOOLS

- ThinkVantage Rescue and Recovery 4.5 (Win7 - Ready to Install)
- Factory Recovery 10.0
- Lenovo Solution Center V1.0
- Simple Tap 3.0
- Turbo Boost 1.0

### PRELOADED APPLICATIONS

- Acrobat Reader
- Online Books
- Japan i-Filter and Kingsoft - JP only
- Symantec VIP
- Google Chrome, Google Toolbar, and iGoggle Home Page (except CS)
- Baidu Search (PRC only) and Tencent PC manager (PRC only)
- Microsoft® Office 2010 Starter on all Preload including C&L - except JP
- Microsoft® Live Essentials (Wave 4 - includes Silverlight and Live Mesh)
- Norton™ Internet Security 2011 - 30 day trial (ready to install)

## LENOVO SERVICE

Lenovo offers a comprehensive portfolio of award-winning services to support and protect your ThinkStation investment. Succeed with substance, and let Lenovo's Service support you all the way.

### Priority Technical Support *
Makes your priority, our priority. 24x7 priority call routing to advanced-level technicians, electronic incident tracking, and escalation management services.

### Warranty Upgrades - Onsite and Next Business Day
Maximizes PC uptime and productivity by providing convenient, fast repair service at your place of business.

### Warranty Extensions (1 to 5 Years Total Duration)
This fixed-term, fixed-cost service helps accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

### Keep Your Drive
Retain your drive if it should happen to fail, giving you the peace of mind to know that your valuable data is secure. KYD applies to all drives within multi hard disk/SSD systems.

* Not available in all regions

Lenovo Services™

### Asset Tagging
Systems come equipped with a professional, flexible asset tag based on your exact specifications. PCs are easily identifiable and trackable right out of the box.

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# OPTIONS AND ACCESSORIES

## PROFESSIONAL GRAPHICS CARDS

Lenovo DisplayPort cable is DisplayPort1.2 compliant to provide upto 4k x 2k resolution. Get Lenovo DisplayPort Cable **(0A36537)** with NVS / Quadro graphics cards and Lenovo LT LED Monitors.

### NVIDIA NVS 300 Dual Digital, Dual Analog Graphics Card (0A36528)
- DMS59 interface supports dual digital, dual analog capability
- Fan-less design and quieter operation
- NVIEW and Mosaic Display Management software
- Supports attachment of optional DisplayPort cables /adapters

### NVIDIA NVS 310 Dual DisplayPort Graphics Card (45K1669)
- Dual DisplayPort supports 2560 x 1600 resolution
- Fan-less design and quieter operation
- NVIEW Display Management software
- Supports attachment of optional DisplayPort cables /adapters

### NVIDIA NVS 510 Quad DisplayPort, Quad DVI Graphics Card (57Y4398)
- Quad DisplayPort supports 2560 x 1600 resolution
- Includes four DisplayPort to Single-link DVI-D monitor cables to connect DVI monitors
- NVIEW Display Management software
- Supports attachment of optional DisplayPort cables / adapters

### NVIDIA Quadro 410 DisplayPort, DVI Graphics Card (0A36535)
- Each DisplayPort and Dual-link DVI-I supporting upto 2560 x 1600 @ 60Hz or 1920 x 1200 @120Hz
- Energy efficient 3D CAD performance with a flexible form factor
- Supports attachment of optional DisplayPort cables / adapters

### NVIDIA Quadro K600 DisplayPort, DVI-I 1GB Graphics Card (0A36183)
- DisplayPort and Dual-link DVI each supporting maximum resolution of 2560x1600
- Energy efficient 1GB performance with flexible form factor
- Supports attachment of optional DisplayPort cables / adapters

### NVIDIA Quadro K2000 Dual DisplayPort, Dual-link DVI 1GB Graphics Card (57Y4479)
- Three monitor ports: use any two of three ports
- DisplayPort and Dual-link DVI each supporting maximum resolution of 2560x1600
- Supports attachment of optional DisplayPort cables / adapters

### NVIDIA Quadro K2000D Dual Dual-link DVI-I 1GB Graphics Card (0A36541)
- Two Dual-link DVI supporting maximum resolution of 2560x1600
- Support 10/12-b greyscale monitors upto 10Mpixels

### NVIDIA Quadro K4000 Dual DisplayPort, Dual-link DVI 2GB Graphics Card (57Y4480)
- Three monitor ports: use any two of three ports
- DisplayPort and Dual-link DVI each supporting maximum resolution of 2560x1600
- Supports attachment of optional DisplayPort cables / adapters

### NVIDIA Quadro K5000 Dual DisplayPort, Dual-link DVI 2.5GB Graphics Card (57Y4481)
- Three monitor ports: use any two of three ports
- DisplayPort and Dual-link DVI each supporting maximum resolution of 2560x1600
- Supports attachment of optional DisplayPort cables / adapters

## WORKSTATION STORAGE
Lenovo 250GB 7200 rpm Serial ATA Hard Drive – **41N3015**
Lenovo 500GB 7200 rpm Serial ATA Hard Drive – **43R1990**
Lenovo 1TB 7200 rpm Serial ATA Hard Drive – **45J7918**
Lenovo 300GB 10K rpm Serial ATA Hard Drive – **43R2031**
ThinkStation 450GB 15K rpm SAS Hard Drive – **43N3424**

## WORKSTATION MEMORY
Cost effective way to boost overall system performance
**ECC UDIMM**
2GB PC3-10600 DDR3-1333 ECC UDIMM – **43R2033**
4GB PC3-10600 DDR3-1333 ECC UDIMM – **57Y4138**
8GB PC3-10600 DDR3-1333 ECC UDIMM – 0A65718
**RDIMM**
**4GB PC3-12800 DDR3-1600 ECC RDIMM – 0A65732**
**8GB PC3-12800 DDR3-1600 ECC RDIMM – 0A65733**

**Heatsink** for second processor - **0A65721**

## LED MONITORS
**Lenovo ThinkVision LT2452p 24" LED Monitor (4420MB2)**
· Wide viewing angle with native resolution of 1920 x 1200; 16:10 Aspect ratio; 7ms response time
· Multiple input options – DisplayPort, DVI-D and VGA
· ENERGY STAR 5.1 compliant, EPEAT Gold/ULE Gold, and TCO certified Edge 1.1

**Lenovo ThinkVision LT2252p 22" LED Monitor (2572MB6)**
· Wide viewing angle with native resolution of 1680 x 1050; 16:10 Aspect ratio; 5ms response time
· Multiple input options – DisplayPort, DVI-D and VGA
· ENERGY STAR 5.1 compliant, TCO certified Edge 1.1, and Mercury/Arsenic free glass

**Lenovo ThinkVision LT1952p 19" LED Monitor (2448MB6)**
· Wide viewing angle with native resolution of 1440 x 900; 16:10 Aspect ratio; 5ms response time
· Multiple input options – DisplayPort, DVI-D and VGA
· ENERGY STAR 5.1 compliant, TCO certified Edge 1.1, and Mercury free glass

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## PRODUCTIVITY ACCESSORIES

**ThinkCentre Extend Arm - 57Y4352**

- Extend function (410mm, 16.1") to easily move and adjust the monitor
- 269mm (10.6") vertical adjustment
- Pivot for portrait (vertical) and landscape (horizontal) viewing
- Tilt to reduce glare and improve viewing angle

# SPECIFICATIONS

| OPERATING SYSTEM | PROCESSOR | I/O (INPUT/OUTPUT) PORTS |
|---|---|---|
| Windows® 7 Ultimate (64bit)<br>Windows® 7 Professional (32bit)<br>Windows® 7 Professional (64bit)<br>Windows 8<br>Windows 8 Pro<br>RHEL Linux 6.2 | Intel® Xeon® EP processors<br>SandyBridge E5-2600 | (8) rear USB 2.0<br>(2) rear USB 3.0<br>(2) front USB 2.0<br>Optional 25-in-1 media Card reader |
| **MEMORY** | **STORAGE** | **GRAPHICS** |
| UDIMM (ECC)<br>2GB/4GB/8GB 1333 MHz DDR3<br><br>RDIMM (ECC)<br>2GB/4GB/8GB/16GB 1333 MHz DDR3<br>2GB/4GB/8GB/16GB 1600-MHz DDR3<br><br>RDIMM (ECC - Low Voltage)<br>2GB/4GB/8GB/16GB 1333-MHz DDR3 | 3.5" SATA (3/6 Gb/s, 7200 rpm) –<br>250GB/500GB/1TB/2TB<br>3.5" SAS (3Gb/s, 15K rpm) –<br>300GB/450GB/600GB<br>2.5" SATA (3/6 Gb/s, 10K rpm) –<br>150GB/300GB/600GB<br>2.5" SAS (3/6 Gb/s, 15K rpm) – 146GB/300GB<br>2.5" SSD (3/6 Gb/s) – 128GB/256GB | NVIDIA NVS300<br>NVIDIA NVS310<br>NVIDIA NVS510<br>NVIDIA Quadro 410<br>NVIDIA Quadro K600<br>NVIDIA Quadro K2000, K2000D<br>NVIDIA Quadro K4000<br>NVIDIA Quadro K5000<br>NVIDIA Quadro 6000<br>NVIDIA Tesla C2075 (Maximus Configurations) |
| **KEYBOARD** | **DISPLAY** | **WEIGHT** |
| Preferred Pro Full-size Keyboard (USB) | ThinkVision | 60lbs/27.1kg |
| **DIMENSIONS (W X D X H)** | **OPTICAL DRIVE** | **AUDIO** |
| 210mm x 602mm x 485mm<br>(8.27" x 23.70" x 19.09") | DVD-ROM<br>DVD-RW<br>Blu-Ray Disc Burner | Mic and Headphone |

🌐 **WWW.LENOVO.COM/THINKSTATION**

MMG/WE/DS/Q4-12/27475

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