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# THE LENOVO® THINKSTATION® C30 WORKSTATION
## COMPACT DESIGN – POWERFUL PERFORMANCE

WORLD'S SMALLEST DUAL-SOCKET WORKSTATION WITH POWERFUL PERFORMANCE INTEL® XEON® E5 2600 PROCESSORS

INCREASED MEMORY WITH SUPPORT FOR UP TO 128GB 1600MHZ DDR3 MEMORY

ADVANCED GRAPHICS WITH SUPPORT FOR UP TO TWO NVIDIA® QUADRO 5000 CARDS[1]

CERTIFIED BY ISVS FOR PERFORMANCE DEMANDING PROFESSIONAL GRAPHICS APPLICATIONS

SUPPORTS MAXIMUS CONFIGURATION OF A TESLA C2075 GPU PAIRED WITH NVIDIA® QUADRO GRAPHICS CARD[1]

GENUINE WINDOWS® 8 READY WITH BIOS CHANGES IMPLEMENTED AND UEFI 2.3.1 COMPLIANCE

SECURED MULTI-TERABYTE STORAGE CAPACITY – UP TO 6TB HARD DISK DRIVES WITH RAID SUPPORT

The Lenovo ThinkStation® C30 is the world's smallest dual-processor workstation, saving workspace and increasing business productivity. Lenovo reveals its expert engineering with more processing, graphics, and memory power in a compact workstation. Experience high performance with the latest Intel® Xeon® E5 2600 processors that add more processing power. Support for high-end NVIDIA® Quadro and Tesla compute cards for performance demanding video creation/editing and 3D applications. And 1600MHz DDR3 memory means better multi-tasking and application responsiveness.

The high performance and productivity is increased further with faster data transfer using PCI Express 3.0 and USB 3.0. PCIe 3.0 has twice the bandwidth of PCIe 2.0, and USB 3.0 transfers data 10 times faster than USB 2.0. With multiple eco-friendly certifications, the C30 increases savings without compromising on environmental values. Whether in size, performance, productivity, or reliability, the ThinkStation C30 delivers the best.

[1]Supported with a CPU less than 95w

**Windows 7** **lenovo ENHANCED EXPERIENCE**

**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.

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## UNPARALLELED PERFORMANCE

- Latest Intel® Xeon® E5 2600 processors designed for high performance enterprise workstations
- Better productivity with Genuine Windows® 7 Professional
- Supports NVIDIA® Quadro high-end professional next- generation graphics, including Maximus technology that combines Tesla and Quadro adapters, to run graphics applications faster and smoother
- Larger storage capacity up to 6TB and increased memory support for 128GB 1600MHz DDR3
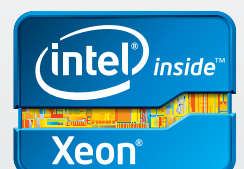
## COMPACT AND OPTIMIZED

- Workstations slim and compact design fits easily in a space-constrained workplace
- ISV certifications simplify optimized performance of professional software applications
- Windows® 8 ready to easily adapt to upcoming operating system support

## COMFORTABLE AND ECO-FRIENDLY

- Maximum reliability and user comfort in a design that helps the workstation run cool and quiet
- Increased eco-friendliness with up to 80 PLUS Gold power supply and 65% recycled plastics
- High energy efficiency with compliance to Energy Star 5, GREENGUARD certification, and EPEAT Gold standards

## MANAGEABLE AND RELIABLE

- Intel® vPro support and Lenovo ThinkVantage Technologies for efficient management
- Extensive hardware security using Kensington lock, chassis key lock, and Trusted Platform Module v1.2
- SATA/SAS RAID support to enhance data storage and reliability

## SOFTWARE OFFERINGS

### SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Ultimate (64bit)
- Genuine Windows® 7 Professional (32/64bit)
- Genuine Windows® XP Professional (32/64bit)
- Genuine Windows® 8 ready
- 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.

### 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.

* Not available in all regions

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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 295 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 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 450 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 400 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 600 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 2000 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 2000D 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 4000 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 5000 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**

### 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

**Ergotron DS 100 Quad Monitor (2x2) Desk Stand - 30R6971**
- View multiple monitors simultaneously for maximum productivity
- Accomodates various LCD sizes and slides displays into place so screen edges align

**Ergotron DS 100 Dual Monitor Stand - 30R6969**
- View multiple monitors simultaneously for maximum productivity
- Accomodates various LCD sizes and slides displays into place so screen edges align

**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 |
|---|---|---|
| Genuine Windows® 7 Ultimate (64bit)<br>Genuine Windows® 7 Professional (32/64bit)<br>Genuine Windows® XP Professional (32/64bit)<br>Genuine Windows® 8 ready<br>RHEL Linux 6.2 | Intel® Xeon® E5 2600 processors<br>(SandyBridge E5-2600) | (8) rear USB 2.0<br>(2) rear USB 3.0<br>(2) front USB 2.0<br>(1) Serial<br>Optional 25-in-1 media Card reader<br>Digital Audio (Optional with PCIe Card) |

| 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, 7200rpm) –<br>250GB/500GB/1TB/2TB<br>3.5" SAS (3 Gb/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/512GB | NVIDIA NVS295<br>NVIDIA NVS300<br>NVIDIA NVS450<br>NVIDIA Quadro 400<br>NVIDIA Quadro 600<br>NVIDIA Quadro 2000, 2000D<br>NVIDIA Quadro 4000<br>NVIDIA Quadro 5000<br>NVIDIA Quadro 6000<br>NVIDIA Tesla C2075 (Maximus Configurations) |

| KEYBOARD | DISPLAY | WEIGHT |
|---|---|---|
| Preferred Pro Full-size Keyboard (USB) | ThinkVision | 40.7lbs/18.5kg |

| DIMENSIONS (W X D X H) | OPTICAL DRIVE | AUDIO |
|---|---|---|
| 130mm x 444mm x 427mm<br>(5.12" x 17.48" x 16.81") | DVD-ROM<br>DVD-RW<br>Blu-Ray Disc Burner | Mic and Headphone |

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