



Windows®. Life without Walls™.
Lenovo® recommends Windows 7.

THINKSTATION
C20/C20x



UNPARALLELED PERFORMANCE IN AN UNPRECEDENTED SIZE

WHEN TO SELL

Designed for Power Computing

The ThinkStation® C20/C20x offers:

- Dual-CPU performance with 130W processors
- Lenovo® Enhanced Experience for Windows® 7
- Smallest Dual-CPU workstation in the industry
- 90% Efficient power supplies, 80 Plus Gold Certified
- Up to 12 DIMMs for greater memory capacity

WHO TO SELL TO

Target Segment

- Financial services sector
- Computer-Aided Design (CAD) centers
- Digital Content Creation (DCC) centers

TOP REASONS TO OWN

- WORLD'S SMALLEST¹ DUAL-CPU WORKSTATION, FEATURING INTEL® XEON® 5600 SERIES PROCESSORS
- UP TO 12 DIMM SLOTS, DELIVERING UNMATCHED MEMORY CAPACITY
- QUICK AND EASY TOOL-LESS MAINTENANCE AND UPGRADES
- FITS UP TO 14 WORKSTATIONS IN A 42U RACK
- COOL AND QUIET TECHNOLOGY, FEATURING TRI-CHANNEL COOLING
- ENVIRONMENTAL CHAMPION OF ITS CLASS WITH AN 80 PLUS GOLD POWER SUPPLY AND RECYCLED PLASTICS USAGE

WHAT WE OFFER

User-friendly Features

- Spill-resistant, recessed handle for easy racking and improved size optimization
- Tool-less components for fast and easy upgrades and maintenance
- Illuminated I/O icons for hassle-free connectivity
- Recessed power button to avoid accidental shutdown
- Rotatable ThinkStation logo for rack implementations
- Rotatable optical drive cage (for right/left side access)

Performance and Reliability Features

- Intel® Xeon® 5600 series processors with Turbo Boost Technology, offering up to 24 threads
- Genuine Windows® 7 Professional 64-bit (preload)
- ECC memory – supports up to 96GB 1333MHz DDR3
- Partnered with NVIDIA® and ATI® for Professional-grade workstation graphics solutions
- Tri-channel cooling² – longer product life

Green Features

- EPEAT® Gold
- Many ENERGY STAR® 5.0 models
- GREENGUARD®
- Recycled Plastic Usage featuring Post Consumer Content (PCC)
- 80 Plus Gold-certified power supply with 90% efficiency

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-branded PCs. Faster, more durable and greener Think-branded PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.

lenovo

THERE'S MORE THINKING IN A **ThinkStation**



Windows®. Life without Walls™.
Lenovo® recommends Windows 7.

THINKSTATION
C20/C20x

EASY-TO-CARRY, HIGH-PERFORMANCE WORKSTATION IN A SMALL FOOTPRINT

LENOVO® THINKSTATION® C20/C20x

KEY FEATURES

The ThinkStation C20/C20x:

- Offers superior performance with Intel® Xeon® 5600 series processors
- Provides improved productivity with the Lenovo® Enhanced Experience for Windows® 7
- Supports up to 96GB ECC memory providing greater data accuracy and system uptime
- Offers excellent graphics experience with 3D and multi-display capabilities
- Comes with an easy-carry handle and recessed Power button
- More environmentally friendly – EPEAT®, ENERGY STAR® 5.0 and GREENGUARD®

CUSTOMER NEEDS AND OUR SOLUTIONS

Customers need maximum power in the smallest space possible

Lenovo has delivered the world's smallest¹ dual-processor workstation with no-compromise performance³. The ThinkStation C20/C20x is powered by Intel® Xeon® 5600 series processors, offering Turbo Boost Technology that gives additional performance during peak processing periods.

Space constrained customers require high rack density

The ThinkStation C20/C20x is suitable for providing more system capacity in a small form factor. With its small footprint, you can now stack 14 workstations in a standard 42U rack as against the competitors' 10 workstations.

Customers need plenty of monitors to meet the unique needs of the financial services industry

ThinkStation C20/C20x supports up to 16 monitors⁴, enabling you to simultaneously view an array of data at a given time.

KEY DIFFERENTIATORS

COMPARISON WITH COMPETITORS

Comparison with Dell Precision T5500

The ThinkStation C20/C20x:

- Supports up to 96GB memory
- Has a streamlined internal design, allowing easy access to components
- Comes with a handle for easy carrying
- Is ENERGY STAR® compliant
- Uses more than 44% recycled plastic
- Supports up to 3 HDDs

Dell Precision T5500 is 46% volumetrically larger compared to the ThinkStation C20/C20x. Dell supports 72GB memory and 2 HDDs. Only select models of Dell are ENERGY STAR® compliant. Dell T5500 does not have a streamlined internal design and does not use recycled plastic, while manufacturing their products.

Comparison with HP Z600

The ThinkStation C20/C20x:

- Supports up to 130W processor on C20x
- Supports up to 96GB memory on C20x
- Supports up to 12 DIMMs on C20x
- Supports NVIDIA® QUADRO® FX5800 graphics card
- Comes with 800W power supply
- Is ENERGY STAR® compliant
- Uses more than 44% recycled plastic
- Supports 3 HDDs
- Supports NVIDIA® Tesla™

HP Z600 is 31% volumetrically larger compared to ThinkStation C20/C20x. HP Z600 supports 95W processor, 24GB memory, 6 DIMMs, NVIDIA® QUADRO® FX4800 and 2 HDDs. Only a few models of HP are ENERGY STAR® compliant. HP does not use recycled plastic, while manufacturing their products.

COMPARISON WITH INTRA-SERIES PRODUCTS

Comparison with ThinkStation S20

The ThinkStation C20/C20x:

- Supports dual-processor performance
- Supports up to 96GB memory on C20x
- Is intended for high-end users requiring dual-CPU's and small form factor

Customers who need mainstream workstation-class performance and reliability will prefer S20 which is a single socket workstation.

Comparison with ThinkStation D20

The ThinkStation C20/C20x:

- Is intended for space-constrained customers
- Offers fewer HDD and ODD slots
- Does not offer a memory card reader

Customers for whom space is not a factor and demand the highest performance and expandability will choose a D20.



¹ Among tier 1 OEMs (Dell, HP and Lenovo), Dell is 46% and HP is 31% volumetrically larger. Further, Lenovo can fit 14 systems in a 42U rack unlike Dell and HP which can fit only 10 systems

² Patent pending

³ The ThinkStation C20x supports 130W CPUs (HP does not), Tesla™ (HP does not), up to 12 DIMMs (HP has 6 while Dell has 9), 3 HDD bays (HP has 2), up to 2 FX4800 class graphics – 300W (Dell and HP support up to 1 FX4800 class – 150W)

⁴ Special bids with 4x NVS400 series

 www.lenovo.com/thinkstation

©2010 Lenovo. All rights reserved.

Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. References herein to Lenovo products and services do not imply that Lenovo intends to make them available in all countries. Warranty information, Attn: Dept. ZPYA, Perimeter Park, 1009 ThinkPlace Building 3, Dept. ZPYA Morrisville, NC. 27560. Lenovo makes no representation or warranty regarding third-party products or services. **Trademarks:** Lenovo, the Lenovo logo, Rescue and Recovery, ThinkStation, ThinkVision are trademarks or registered trademarks of Lenovo. Intel, the Intel logo, Xeon and Xeon Inside are trademarks of Intel Corporation in the U.S. and other countries. Microsoft, Windows and Life Without Walls are trademarks of Microsoft Corporation in the USA or other countries. Other company, product and service names may be trademarks or service marks of others. Visit lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

lenovo

THERE'S MORE THINKING IN A **ThinkStation**