LENOVO THINKCENTRE® M58/M58P DESKTOP

SECURE AND MANAGE YOUR IDEAS WITH ONE ECO-FRIENDLY PACKAGE.

MANAGEABILITY AND STABILITY
- Platform and image stability for up to 15 months
- Global models for easy worldwide deployment
- Latest Intel® iAMT 5.0 vPro™ technology available on all form factors
- Lenovo's unique Hardware Password Manager[1] provides advanced password management. In addition to a variety of encryption possibilities, this solution features a unique hardware ID. If someone hacks your PC or makes a copy of your hard drive, they won't be able to crack the program because it works only with your PC – and no other.

(1): available in Q2, 2009

SECURITY
- ThinkVantage® Technologies offer Client Security Solution and an optional fingerprint reader
- I/O ports have individual disable/enable capability - Individually manage all I/O ports (including USB ports) through BIOS
- TPM (Trusted Platform Module) 1.2 data encryption - Stolen data cannot be read on any other computer
- Ready for Computrace - Locate your stolen PC when it connects to the Internet
- Chassis Intrusion Switch - Sends an alert to the management console when chassis is opened
- PS/2® [2] port available on all form factors - Use PS/2® ports to avoid unauthorized data transfer and provide virus protection from USB peripheral devices

(2): optional on Eco USFF

GREEN COMPUTING
- Power Manager ThinkVantage Technology for advanced power management reduces your energy footprint with control and monitoring functionality
  - Lenovo Power Analyzer models your company's PC power use so reductions can be implemented
  - Remote deployment and control of client power usage profiles is also possible, along with a time-based control to enable PC shut offs on evenings and weekends
- Energy-efficient – save up to $31 annually per system[3]
- Green certified:
  - ENERGY STAR® 4.0 (select models)
  - EPEAT™ Gold on all form factors (select models)
  - GREENGUARD Indoor Air Quality Certified®
- Total green solution:
  - Innovative Green ThinkVision monitors - The ThinkVision L2440x Wide model consumes up to 60% less energy than previous ThinkVision monitors and is Mercury, Arsenic-free and Low Halogen. The packaging materials on select models are 65% recycled and 100% recyclable
  - New Green Fingerprint Keyboard – 35% recycled material (optional)
  - 100% recycled/recyclable thermoplastic packaging on Eco USFF and SFF[4]
  - Lenovo Asset Recovery Service (in select countries)

(3): ThinkCentre M58 SFF with ThinkVision L197 Wide vs. ThinkCentre M52 SFF with ThinkVision L194 Wide, mainstream configuration
(4): Packaging on SFF available in select countries

DESIGN INNOVATION
- Innovative ventilation and fan layout provides industry-leading acoustics
- Innovative small form factor design provides great ease-of-use, serviceability and thermal efficiency, all in a svelte 10L footprint
- New Eco USFF provides a PCI slot, tool-less motherboard and optional PS/2 port
- Robust tower design provides unprecedented expandability and power in a 25L chassis

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LENOVO THINKCENTRE M58/M58P DESKTOP

THE NEWEST IN ROCK-SOLID DESIGN MEETS GREEN COMPUTING.

ThinkCentre M58 and M58p desktops are engineered exclusively for the way you work. Equipped with the latest Intel® dual and quad-core technology, DDR3 memory and Solid State Drives[5], desktop productivity and performance are truly maximized. Lenovo's leadership in thermals, acoustics and energy efficiency give the M58 and M58p a true edge over the competition. Added to these stand-out qualities are our ThinkVantage Technologies and licensed Intel® vPro™ technologies, intelligently combined to give you the ultimate degree of manageability. Just as impressive is the ThinkCentre's low power consumption, ensuring that the ThinkCentre M58/M58p delivers a low TCO. Using ThinkCentre M58p in conjunction with Lenovo's Secure Managed Client solution provides even greater TCO benefits.

The costs savings associated with Lenovo's Secure Managed Client are substantial – between 30 and 40% over a well-managed PC over a typical three-year lifecycle. This robust software stack and storage array simplifies your desktop solution with less cost and comes with Lenovo-unique tools enhanced by LANDesk®. It delivers true PC and windows fidelity, using off-the-shelf Windows applications, IT applications and PC add-ons to co-exist and integrate directly with existing IT, asset, process management and financial systems. It's also now dramatically easier for employees to set up – desk-side support tickets become a thing of the past. Built-in, IT-oriented business reports are delivered weekly across the company on end-user experience, client, network and printing performance. SMC allows for image management and control, and easy maintenance is offered via the SAN. Above and beyond what SMC does for you, it's risk-free because it operates as a fully functional ThinkCentre client.

(5): available on Tower and SFF models

Lenovo's Secure Managed Client[6] is a low deployment-cost solution that offers:
• Support for a standard PC option and Windows® software
• Support for standard management tools and IT processes
• Minimal changes to an existing PC infrastructure
• Consistent imaging between the laptop and standard PC
• Full Windows capability
• Full graphic support for aero glass, full motion video, etc.
• A safer investment, as it delivers a client that can be converted into a standard PC and reused in other parts of organization if needed
• A storage-based solution that does not require costly server back-end
• Industry standard protocols and standard Windows function resulting in low software cost with no requirement for expensive per client display protocol software and Citrix® clients

(6): M58 only, available in Q1, 2009 in AG and Q2, 2009 worldwide

ThinkCentre M58/M58p is thoughtfully designed with a NEW Eco uSFF design that takes up very little space but still allows for easy PCI expandability as well as being one of the most environmentally responsible desktops available:
• PCI slot for simple expansion and connectivity
• Dual Independent Display (DID) support by on-board DisplayPort and VGA
• Tool-less design – remove motherboard, HDD without tools
• 8 external USB ports
• PS/2® port support - Customers can disable each USB port individually
  - Avoid unauthorized data copy
  - Avoid virus from USB peripheral devices

ThinkCentre M58/M58p features exciting new technologies for a best-in-class user experience:
• DDR3 memory: 10% faster transfer rate and 25% power savings compared to DDR2
• On-board DisplayPort, the next generation digital display interface standard, is designed to replace DVI, LVDS, and eventually VGA providing higher performance and improved digital display connectivity
• New optional Solid State Drives (SSD)[7] give users six times the reliability improvement and a 37% increase in performance over HDD
• Optional Blu-ray™ ODD[8] enables storing large amounts of data, ten times the capacity of a standard DVD and recording, rewriting and playback of high-definition video (HD)

(7) available on Tower and SFF
(8) available on Tower Vista model

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THINKCENTRE M58/M58P DESKTOP SPECIFICATIONS AND SERVICES

Processor (speed, L2 cache, FSB)
*Intel® Core™2 Quad processor Q9x50 (12MB L2,1333MHz FSB)
*Intel® Core™2 Quad processor Q9x00 (6MB, 1333MHz FSB)
Intel® Core™2 Quad processor Q8x00 (4MB L2,1333MHz FSB)
*Intel® Core™2 Duo processor E8x00 (6MB L2,1333MHz FSB)
Intel® Core™2 Duo processor E7x00 (3MB L2,1066MHz FSB)
Intel® Core™2 Duo processor E4x00 (2MB L2,800MHz FSB)
Intel® Pentium® dual-core processor E5x00 (2MB L2,800MHz FSB)
Intel® Pentium® dual-core processor E2x00 (1MB L2,800MHz FSB)
Intel® Celeron® dual-core processor E1x00 (512KB L2,800MHz FSB)
Intel® Celeron® processor 450 (512KB L2,800MHz FSB)

Preloaded Operating System
Genuine Windows Vista® Ultimate 32
Genuine Windows Vista® Business 32
Genuine Windows Vista® Business 64
Genuine Windows Vista® Home Basic 32
Genuine Windows® XP Professional

Chipset
Intel® Q45 Chipset

Serial ATA Hard Drives
160GB,250GB,320GB,500GB,1TB/7200 rpm
64GB Flash SDD (Solid State Drive)

Memory[9]
TWR / SFF: 1GB/2GB PC3-8500 (1066MHz) DDR3 DIMM
Eco USFF: 1GB/2GB PC3-8500 (1066MHz) DDR3 SODIMM

Optical Drive
DVD-ROM, DVD-Recordable.
Blu-ray™ Recordable/ DVD-Recordable (on Tower Vista® model)

Integrated Communications
Intel® 82567DM,10M/100M/1000M Gigabit Ethernet

Ports
Tower:
(10) USB Ports (2 Front, 6 Rear, 2 Internal),
(1) Parallel (optional),
(2) Serial (1 standard, 1 optional),
(2) PS/2®, (1) eSATA (optional),
(1) VGA, (1) DisplayPort, (1) RJ-45, audio in/out
SFF:
(10) USB Ports (2 Front,6 Rear,2 Internal), (1) Parallel (optional),
(2) Serial (1 standard, 1 optional), (2) PS/2®,
(1) eSATA, (1) VGA, (1) DisplayPort,
(1) RJ-45, audio in/out
Eco USFF:
(10) USB Ports (2 Front,6 Rear,2 Internal),
(1) Parallel (optional), (1) Serial (optional),
(2) PS/2® (optional), (1) eSATA (optional),
(1) VGA, (1) DisplayPort, (1) RJ-45, audio in/out

Slots
Tower: (2) FH PCI, (1) FH PCIe 16x, (1) FH PCIe x1
SFF: (1) LP PCI, (1) LP PCIe 16x
Eco USFF: (1) LP PCI

Bays
Tower:
Internal: (2) 3.5 inch
External: (2) 5.25 inch HH and (1) 3.5 inch
SFF:
Internal: (1) 3.5 inch
External: (1) 5.25 inch HH and (1) 3.5 inch Slim - for media card reader
Eco USFF:
Internal: (1) 3.5 inch
External: (1) 5.25 inch HH

Power Supply
Tower:
280W standard, 280W 80% Efficiency Active PFC,
450W 80% Efficiency Active PFC
SFF:
280W Active PFC, 280W 85% Efficiency Active PFC
Eco USFF:
130W External 85% Efficiency AC/DC Power Adapter

Dimensions (DxWxH)
Tower: 440x175x402 (mm)
SFF: 355x317x99 (mm)
Eco USFF: 238x275x80 (mm)

Weight (Maximum Configuration)
Tower: 11kg (24.25lbs)
SFF: 7.5kg (16.53lbs)
Eco USFF: 4.18kg (9.22lbs)

Keyboard
Lenovo Preferred Pro Full-size Keyboard
Preferred Pro Fingerprint Keyboard
Preferred Pro Full-size PS/2® Keyboard

Graphics
Integrated:
Intel® GMA4500
Discrete:
NVIDIA® 9500 GT 512MB with DP/DVI-I (on Tower Model)
ATI Radeon™ HD 3470 XT 256MB with DP/VGA

Security
TPM 1.2 chip, BIOS individually enable/disable of I/O ports (including all USB ports)

Limited Warranty
Up to 4 years

Included Software[10]
Adobe® Acrobat Reader®;
Microsoft® Office 2007 (Hybrid-Pro);
Roxio® Creator™ Business Edition;
Intervideo® WinDVD® (DVD models only);
PC-Doctor for WINPE/Windows;
McAfee® VirusScan® Plus (OEM Edition) with 30 days of virus definition updates;
Sun™ JRE™;
ThinkVantage Productivity Center™;
ThinkVantage Rescue and Recovery®;
ThinkVantage System Update™;
ThinkVantage System Migration Assistant™;
ThinkVantage Client Security Solution™;
ThinkVantage Power™ Manager

* M58p can only support Q9XXX & E8XXX series processors.
** Note: SMC model, available in Q1, 2009 in AG and Q2, 2009 worldwide.

THE GREENEST THINKCENTRE EVER

The M58/M58p is the highest EPEAT Gold Certified ThinkCentre for low energy use and minimal impact on the environment, exceeding the requirements of the world's most widely known eco labels. All form factors are also ENERGY STAR 4.0 Certified and GREENGUARD Indoor Air Quality Certified®. The M58/M58p has Lenovo Power Manager, the most advanced power management, providing power management control and monitoring. Companies can now further reduce PC power use with Lenovo Power Analyzer. Lenovo's ThinkCentre M58 has improved thermals over its predecessor product, and combined with Lenovo's energy-saving ThinkVision® monitors and keyboards provides the lowest energy consumption solution in the industry.

EPEAT™ GOLD

ENERGY STAR

GREENGUARD® Indoor Air Quality Certified

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Lenovo® recommends Windows Vista® Business.

THINKCENTRE M58/M58P DESKTOP ACCESSORIES AND OPTIONS

Additional Memory: 2GB PC3-8500 1066MHz DDR3 UDIMM Memory (43J5435) - SFF, Tower only 2GB PC3-8500 1066MHZ DDR3 SODIMM Memory (43R1988) - Eco USFF only
Lowest-cost method to boost system performance

Lenovo 512MB NVIDIA® GeForce® 9500GT DisplayPort + DVI Graphics Card (45K1635) - Tower
Lenovo 256MB ATI Radeon™ HD3470 DisplayPort + VGA Graphics Card (45K1636) - SFF or Tower
Boost graphics performance

DisplayPort to Single-Link DVI-D Monitor Cable (45J7915)
Attach existing DVI-D (digital) monitor to ThinkCentre or DisplayPort Graphic Card

Lenovo ThinkVision L2440x Wide Flat Panel LCD Monitor - R41HBxx
Lenovo ThinkVision L2440p Wide Flat Panel LCD Monitor - R40HBxx

Lenovo ThinkVision Soundbar (45K1263X)

Lenovo Fingerprint USB Keyboard - (73P47XX)
All your passwords at the Tip of your finger

Lenovo Laser Mouse P/N: 41U3074. Hi resolution, fully programmable, ambidextrous laser mouse

Lenovo USB 2.0 Ultra Security Memory Key
1 GB- P/N:45J5915
2 GB- P/N: 45J5916
4 GB- P/N: 45J5917
8 GB- P/N: 45J5918

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