

The smallest ThinkCentre desktop without compromise



## IBM ThinkCentre S50 desktops



Special offers

**IBM recommends Microsoft® Windows® XP Professional for Business.**



IBM ThinkCentre S50 desktop shown with optional IBM ThinkVision™ monitor

### Highlights

- **Quickly run multiple applications at once with Intel® Pentium® 4 Processors with HT Technology (select models).**
- **Take back desk space. IBM ThinkCentre™ S50 desktops are 62% smaller than a traditional IBM desktop.**
- **Fit your space. This system can sit like a desktop or stand like a tower.**
- **Expand as needed with full-height PCI slots and 8 USB 2.0 ports (2 front-access).**
- **Service and upgrade more easily, thanks to an easy-open chassis and components that snap in and out without tools. This system is 100% customer serviceable.**
- **Save money by simplifying IT support. ThinkCentre S50 systems can share a common software image with ThinkCentre M50 systems<sup>1</sup>.**

### All the PC in a fraction of the space

Just because easy-to-manage ThinkCentre S50 desktops are 62% smaller than traditional IBM desktops, don't worry about any compromise in performance. They offer full-size PCI slots, a versatile, easy-to-place design, and Intel Pentium 4 Processors with HT Technology on select models.

### Easier than ever to upgrade and service

From the flip-up optical drive and innovative hard disk drive cradle to the full-size PCI Cards, virtually every component in the ThinkCentre S50 can be taken out or snapped back into place without tools—even the system board.

### Business advantage. It's in here.

To help decrease expenses over the lifetime of your PCs, look inside for IBM ThinkVantage™ Technologies and ThinkVantage Design elements. You'll see how to work more confidently and efficiently—and gain more time to focus on strategic goals.

Call **1 888 SHOP IBM** or go to **ibm.com** to buy direct, locate an IBM reseller or for more information.



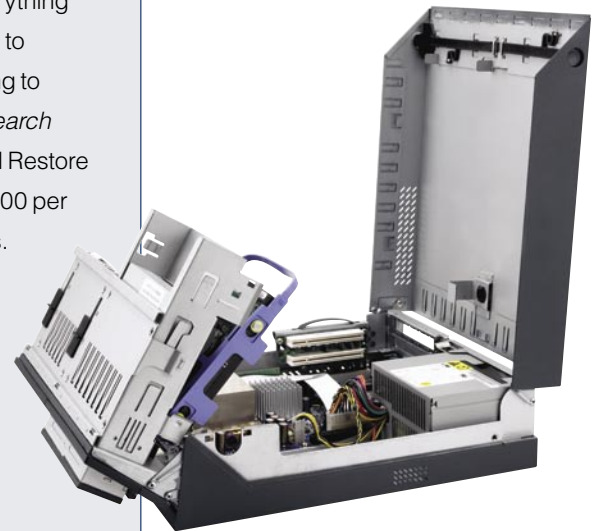
**Intel Inside® Confidence Outside.**

## Get the edge: IBM ThinkVantage Technologies and Design

- **Simplify PC rollouts** and image maintenance with optional IBM ImageUltra™ Builder. It helps consolidate multiple languages, hardware platforms, work group applications and operating systems into a single, smart, master image.
- **More ways to make rollouts easier** With downloadable System Migration Assistant, transfer existing files, applications and settings more easily from system to system.
- **Rely on the most secure desktops in the industry** with the IBM Embedded Security Subsystem 2.0 (select models). It provides built-in hardware and downloadable software-based protection. Nobody offers stronger PC security as a standard feature.
- **Rest on strong foundations.** These durable steel chassis are designed to support the weight of even large CRT monitors.
- **Put online<sup>2</sup> and on-system information at your employees' fingertips** with Access IBM. With the push of a button, you and your staff can gain answers to common IT questions.
- **Give your help desk a break** with IBM Rapid Restore™ Ultra software. It backs up and restores everything from data and applications to software images. According to *Technology Business Research* (March 2003), using Rapid Restore software can save up to \$400 per incident in IT support costs.
- **Phase out older technology safely.** Erase confidential data with IBM Secure Data Disposal.

*"With the introduction of three new ThinkCentre desktop PCs, IBM is looking beyond the normal incremental improvements in speed and style to get users to make purchasing decisions based upon lower support costs."*

—*InformationWeek*, May 22, 2003



*The ThinkCentre S50 desktop is 100% customer serviceable.*

## Stagger rollouts with less stress.

To help with organization-wide deployments, certain ThinkCentre S50 models have no scheduled hardware changes for up to 12 months after general availability. IBM calls them Workhorse models. You'll call them rollout-friendly and maintenance-easy. For rollouts all over the world, Global Workhorse models are also available.

## Warranty coverage like a blanket

IBM offers a three-year limited warranty<sup>3</sup> with the purchase of IBM ThinkCentre S50 systems. In addition, IBM provides international warranty service coverage and optional service plans for greater protection. With IBM, you sleep easier.

## Offices in Oslo?

**IBM is there.** With award-winning IBM Service and Support in more than 160 countries<sup>4</sup> worldwide, IBM offers help just about anywhere you have offices. In fact, IBM is one of the largest service and support organizations in the world. Even IBM ThinkCentre S50 desktops help. They provide a wealth of online and on-system resources at the push of a button.

**IBM ThinkCentre S50 desktop specifications****8183 Small Form Factor**

<b>Intel® Processor/Level 2 Cache<sup>5</sup></b>	
Intel® Pentium® 4 Processor with HT Technology (800MHz FSB)	Up to 3.0GHz/1MB
Intel Pentium 4 Processor with HT Technology (800MHz FSB)	Up to 3.2GHz/512KB
Intel Pentium 4 Processor with HT Technology (533MHz FSB)	Up to 2.8GHz/512KB
Intel® Celeron® Processor (400MHz FSB)	Up to 2.8 GHz/128KB
<b>Preloaded operating system<sup>6</sup></b>	Microsoft® Windows® XP Professional or Microsoft Windows XP Home Edition
<b>Video graphics</b> (integrated)	Intel® Extreme Graphics 2 controller
<b>Core chipset</b>	Intel® 865G
<b>DDR 333MHz (PC2700) Memory<sup>7</sup>/max capacity<sup>8</sup></b>	256MB or 512MB/2.0GB
<b>Hard disk drive</b> ATA/100 or Serial ATA (2 serial connections)	40GB <sup>9</sup> (7200RPM) or 80GB (7200 RPM)
<b>Optical drive</b> (full size)	CD-ROM, CD-RW, DVD-ROM or CD-RW/DVD-ROM
<b>Audio</b> (integrated)	SoundMAX Credenza (ADI 1981B); internal speaker; line in, line out; front microphone and headphone ports
<b>IBM Embedded Security Subsystem 2.0</b>	select models
<b>Connectivity</b> (integrated)	Intel® PRO/100 Network Connection with Wake on Lan® or Intel® PRO/1000 Connection with Wake on Lan
<b>Slots x bays</b>	2x3
<b>Dimensions</b>	309x359x85mm
<b>Ports</b>	8 USB 2.0 (2 front access), 1 serial, 1 parallel, PS/2 mouse, keyboard, VGA
<b>Keyboard and mouse</b>	IBM Preferred Pro Full-size Keyboard and standard mouse PS/2 or IBM USB Optical Wheel Mouse

For important warranty information, see page 4.

**IBM recommends Microsoft® Windows® XP Professional for Business.**

**IBM ThinkCentre S50 desktop software**

<b>Preloaded operating system</b> (varies by model)	Microsoft Windows XP Professional or Microsoft Windows XP Home Edition
<b>Tested operating systems<sup>10</sup></b>	Microsoft Windows XP Professional, Microsoft Windows XP Home Edition, Microsoft Windows 2000 Professional, Microsoft Windows 98 Second Edition, Microsoft Windows NT® 4.0 Workstation
<b>Included software<sup>11</sup></b> (preloaded)	<ul style="list-style-type: none"> <li>• Access IBM <ul style="list-style-type: none"> <li>– Access Help</li> <li>– Access Support</li> </ul> </li> <li>• Adobe Acrobat Reader</li> <li>• Intervideo WinDVD player (DVD models only)</li> <li>• Norton AntiVirus (OEM Edition)</li> <li>• PC-Doctor</li> <li>• IBM Rapid Restore™ Ultra software</li> <li>• IBM RecordNow and DLA (CD-RW models only)</li> <li>• Update Connector™<sup>12</sup></li> </ul>
(downloadable)	<ul style="list-style-type: none"> <li>• IBM Client Security Software (Embedded Security Subsystem models only)</li> <li>• IBM Director Agent</li> <li>• IBM Rescue and Recovery™ with Rapid Restore</li> <li>• Software Delivery Assistant</li> <li>• System Migration Assistant</li> </ul>
(license—CD not included)	<ul style="list-style-type: none"> <li>• Lotus® SmartSuite® Millennium</li> <li>• Lotus Notes® Stand-alone Client</li> </ul>

**Enhance performance.****IBM ThinkVision L190p flat panel analog LCD monitor**

2704HB7



Saves space and energy when compared to CRT monitors. Ergonomic stand swivels, tilts and adjusts in height for easy viewing. Features analog and digital inputs, a bright 19.0" screen and wide viewing angles for easy collaboration. Ideal replacement for a 17" or 19" CRT.

22P9025

**64MB USB 2.0 Memory Key**

Thumb-size portable storage.

22P7036

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**Warranty information:**

For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept JDJA/B203. IBM makes no representation or warranty regarding third party products or services.

- <sup>1</sup> IBM recommends that customers prepare their software image in accordance with Microsoft disk duplicating guidelines.
- <sup>2</sup> Requires separate Internet access account; not included.
- <sup>3</sup> Support unrelated to warranty issues may be subject to additional charges.
- <sup>4</sup> International Warranty Service is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

- <sup>5</sup> At processor speed.
- <sup>6</sup> Delivered with Microsoft Windows XP Professional or Microsoft Windows XP Home Edition preloaded and a recovery partition on the hard disk drive.
- <sup>7</sup> For ThinkCentre desktops without a separate video card, memory supports both system and video. Accessible system memory may be up to 64MB less than the amount stated, depending on video mode.
- <sup>8</sup> Maximum memory capacity may require the replacement of standard component with largest supported component available.
- <sup>9</sup> For hard disk drive, GB=billion bytes. Accessible capacity is less; up to 4GB is service partition.
- <sup>10</sup> Drivers available via the Internet. HelpCenter supports only preloaded OS.
- <sup>11</sup> Some software may vary from its retail version (if any) and may not include user manuals or all program functionality. Warranty service and support for non-IBM products are provided directly to you by third parties, not IBM. IBM makes no representations or warranties regarding non-IBM products. For non-IBM software, applicable third-party software licenses may apply.
- <sup>12</sup> Update Connector is available at no charge to registered ThinkCentre customers during the limited warranty period. Line charges may apply.

As an ENERGY STAR Partner, IBM has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.



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