



IBM Monitors

Product Details

**Lenovo ThinkVision L 1940
19.0in (19.0in/481mm VIS)
Wide LCD Business Black
Monitor
Model T44ABxx**



At a glance ...

Key characteristics

Lenovo ThinkVision L1940 19.0in (19.0in/481mm VIS) Wide LCD Business Black Monitor

Unique System Features

The ThinkVision L1940 Wide LCD Monitor is energy-efficient and environmentally responsible. With wide format technology, the L1940 delivers 12.5% more viewing area for working with spreadsheet columns while consuming up to 30% less power than conventional models. This is the perfect solution for users seeking maximum viewing space on a budget.

The incorporated ThinkVantage design enhances usability and makes the monitor easy to use. Complementing the design of the ThinkPad and ThinkCentre systems, the Lenovo ThinkVision L1940 Wide includes attachment for optional the ThinkVision USB Soundbar (sold separately) and is available in business black.

The Electronic Product Environmental Assessment Tool (EPEAT) rates the ThinkVision L1940 Wide in the Gold category making it one of the most environmentally friendly monitors available today.*The Lenovo ThinkVision L1940 Wide enables you to be environmentally conscious without compromising performance.

* As rated by epeat.net

Features & Benefits

- 19 in wide (481 mm) viewable image size
- Native resolution of 1440 x 900
- 89 dpi for crisp, clear screen images
- Internal power with 17 watts / 22 watts power consumption (typical/maximum)
- Up to 30% less power consumption than conventional monitors of the same size and resolution
- 50% less mercury content than conventional monitor of the same size and resolution
- ThinkVantage design
- Adjustable tilt stand for viewing comfort
- Direct access button for automatic image setup and brightness allows quick and easy monitor

setup

- Analog and DVI-D video signal connectors
- Supports High Definition Content Protection (HDCP)
- Compliance with ENERGY STAR 4.1 requirements
- Kensington Lock slot for security
- TCO'03 compliance
- EPEAT Gold certified
- Greenguard certified
- Offers attachment points for optional ThinkVision USB Soundbar (40Y7616)
- Direct access for input selection allows easy movement between applications when attached to two systems simultaneously
- Matching design to ThinkPad, ThinkCentre and ThinkStation systems
- Works with Windows Vista
- Meets 100 mm VESA standard for mounting
- Detachable base for wall- or arm-mounting (sold separately)
- Available in business black

VESA is a registered trademark of the Video Electronics Standards Association.

General Information

Price

Note⁷

Administrative Information

Part number	Description
T44ABxx	L1940P 19in/19.0in VIS BLK MON
Product category:	Monitors
Product family:	Accessories and Upgrades (A Lenovo Product)
Product series:	Monitors & Monitor Accessories
UPC Code:	
Group:	Flat Panel Monitors
Sub-group:	19"
Class:	
Model name:	Lenovo ThinkVision L 1940 19.0in (19.0in/481mm VIS) Wide LCD Business Black Monitor
Worldwide part number:	4434AB1
Retail SKU #:	
Type / Model:	4434-AB1
Standard pack quantity:	
Announce status:	Announced
Availability status:	TopSeller

Announce date:	17 Sep 08
General availability date:	19 Sep 08
IBM announcement number:	ZL08-0062
Announcement of withdrawal date:	
Withdrawal date:	
Withdrawal announcement number:	
Final returns date:	
Final returns request date:	
Returns announcement number:	
Alternative models:	
Most recent change date:	17 Sep 08
Reason for change:	
Countries of origin:	
Ship group:	
Special model designation:	

Warranty

Limited Warranty period and type³: **Three year Rapid Replacement Service**

Technical Information

Compatibility

(as known at time of announcement)

Restrictions:

Supported software: **Windows 2000 Windows XP Windows Vista Basic Windows Vista Premium**

Hardware Prerequisites

IBM systems:

This monitor has been tested with personal computers and is compatible with systems and graphics adapters which comply with the relevant parts of "VESA and industry standards and guidelines for computer display monitor timing" version 1.0 revision 0.8, adopted September 17, 1998. Supported display modes and number of colors are a function of the attaching system unit. The full range of display modes, refresh rates, and number of colors available with this monitor may not be available or supported with all combinations of system units, their operating systems, and application software. Implementation of monitor Plug and Play follows the VESA DDC standard. This standard must also be implemented in the attaching system unit hardware and software to be effective.

Non-IBM systems:

Adapters:

Mounting kit etc.:

Product Approvals

Product approvals/
certifications⁴:

Microsoft Logo, GOST (Russia), GS (Germany), IEC-950 CB Report, ISO/DIS 13406 Part 2, CE MARK (Europe), DEMKO, EPA, EU Directive 2002/95/EC-RoHS, EU Directive 2002/96/EC-WEEE, FIMKO (Finland), MPR-II, NEMKO, South Africa, SASO, SEMKO (Sweden), TCO 03, TUV (Germany)

Characteristics

Display case colour:	Business black
Terminal type:	
Monitor Type:	Flat Panel LCD Essential
Monitor Size:	19inches
Viewable image size:	19inches (481mm)
Maximum viewable width:	408,2mm
Maximum viewable height:	255,2mm
Pixel pitch/type:	
Anti-glare:	
Anti-static:	
Touch screen:	
Tilt/swivel stand:	Tilt only
Multimedia features:	

Number of factory presets:	18
Number of user presets:	20
IBM Preset Display Modes:	640 x 350 at 70Hz, 640 x 480 at 60,66,72,75 Hz, 720 x 400 at 70Hz, 800 x 600 at 56,60,75 Hz, 1024 x 768 at 60,70,75 Hz, 1152 x 864 at 75Hz, 1280 x 1024 at 60,70,75 Hz, 1440 x 720 at 60,70,75 Hz
Microprocessor control:	
Recommended Resolution:	
Maximum addressability:	
Plug and play support:	
Ergonomics:	ISO 13406 Part 2
Emission Standard:	MPR-II, TCO 03
Vertical refresh rate (low; high) (Hz):	
Horizontal Frequency Range:	
Power management features ⁴ :	
Power consumption:	17W
Video input:	Analog
User-Defined Display Modes:	Accessibility , Auto setup , Brightness/contrast , Color , Factory Default , Horizontal position , Image setup , Information , Input Signal : Analog , Manual Setup , Menu , Position , Scaling , Vertical position
Brightness:	250cd/m2
Native Resolution:	1440 x 900
Connector:	15 Pin D
Height Adjustment US:	4.3Inches
Height Adjustment Metric:	110mm
Power Supply Type:	Internal
Contrast ratio:	1000:
Other Information	

Weight & dimensions

Note ⁶	
Weight:	--
Travel weight:	--
Height:	380,3mm
Width:	440,2mm
Depth:	178,6mm
Operating Temperature (C) (low; high):	0; 40
Relative Humidity (%) (low; high):	10; 80
Wet Bulb (C):	
Storage Temperature Range:	-20 to 60 C
Storage Humidity Range:	5 to 95 %

Ship Information

Box 1

Weight:	5,9Kg
Height:	172mm
Width:	526mm
Depth:	388mm

Box 2

Weight:	--
Height:	--
Width:	--
Depth:	--

Product Specific and Legal Notices

Product Specific Notices

Numbered Footnotes

1. **Hard Drive:** GB=billion bytes. Accessible capacity is less; up to 4 GB is service partition.
2. **Mobile Processors:** Power management reduces processor speed when in battery mode.
3. **Warranty Information:** For terms and conditions or copies of Lenovo's limited warranty, call 08705 500900 in the U.K. Limited warranty includes International Warranty Service in those countries where this statement of product is sold by Lenovo or Lenovo Business Partners (registration required).
4. **Energy Star:** As an Energy Star Partner, Lenovo has determined that this product meets the Energy Star guidelines for energy efficiency.
5. **Battery:** These model numbers achieved the Ziff Davis Media, Inc.'s Business Winstone® 2002 BatteryMark Version 1.0, Battery Rundown Time of at least the time shown. This test was performed without independent verification by the VeriTest testing division of Lionbridge Technologies, Inc. ("VeriTest") or Ziff Davis Media, Inc.; neither Ziff Davis Media, Inc. nor VeriTest makes any representations or warranties as to these test results. Winstone is a registered trademark and BatteryMark is a trademark of Ziff Davis Publishing Holdings, Inc. in the U.S. and other countries. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences.
6. **Thinness:** may vary at certain points on the system.
7. Unless otherwise indicated, prices shown are estimated reseller prices to end users. Reseller prices may vary. Lenovo reserves the right to change prices and product specifications and to discontinue marketing products without notice.
8. **CD/DVD drive speeds:** list maximum rates; rates are variable and are often less than the maximum.

(Tape Drives) Data compression may be software dependent.
9. Actual applications included dependent upon country.

Generic Footnotes

ADSL Modems:

Actual modem speeds: depend on many factors, including the plan you sign up for with your ADSL provider, and are often less than the maximum possible.

New 56K v.92 Modem Standard:

Modem speeds: Public network download speeds are limited to 53 Kbps. Upload speeds are limited to 48 Kbps for v.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Requires download of v.92 microcode, when available, and country approval. Check with your telephone and ISP service providers for availability.

Included Software: may differ from its retail version (if available) and may not include user manuals or all program functionality. License agreements may apply. Operating systems that are not preloaded on the system may not provide full-feature functionality. Please refer to lenovo.com/think/pc/support, select notebook brand, click on "Product Information", choose your machine type, then click on "Product Limitations"

Titanium composite: As tested using the high-flex modulus test. **Travel Weight:** includes battery and optional travel bezel instead of standard optical drive in Ultrabay bay, if applicable; weight may vary due to vendor components, manufacturing process and options.

Maximum memory and internal hard disk capacities: may require the replacement of standard component with largest supported component available. Norton AntiVirus comes with 90 days of virus definition updates.

10. Can be used to mount a Flat Panel Monitor such as the T54, T55, T56, T74, T85, T86.
11. Compatible with L151, L151p, L171, L171p, L172, L174, L1700p, L190x, L191, L192p, L193p, L194w, L197w, L1940, L1940p, L201p, L220x, L200pw, L2240p monitors.
12. System may be placed on the ledge, but no port replication or docking support is provided.
13. To be used in the M500 Projector.
14. To be used with the ThinkPad and IdeaPad 90W Slim AC/DC Combo adapter. For more information, visit: www.lenovo.com/support/slimadapertips
15. To be used, and is included with the ThinkPad and IdeaPad 90W Slim AC/DC Combo adapter. For more information, visit: www.lenovo.com/slimadapter
16. To be used in the C500 Projector.
17. To be used in the M400 Projector.
18. To be used in the C400 Projector.
19. To be used in the E500 Projector.
20. This monitor has been tested with ThinkPad and ThinkCentre personal computers and is compatible with systems and graphics adapters which comply with the relevant parts of "VESA industry standards and guidelines for computer display monitor timing" version 1.0 revision 0.8, adopted September 17, 1998. Supported display modes and number of colours are a function of the attaching system unit. The full range of display modes, refresh rates, and number of colours available with this monitor may not be available or supported with all combinations of system units, their operating systems, and application software. Implementation of monitor Plug and Play follows the VESA DDC standard. This standard must also be implemented in the attaching system unit hardware and software to be effective.

Legal Notices

© Lenovo 2006. All Rights Reserved.

Lenovo Technology (United Kingdom) Limited
PO Box 32
Normandy House
Bunnian Place
Basingstoke
RG21 7EJ
United Kingdom

General Notes

All the part numbers referenced in this publication are product part numbers and not service part numbers.

LENOVO PROVIDES THIS PUBLICATION AS IS WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

The above paragraph does not apply to the extent that its provisions are inconsistent with local law.

This publication could contain technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of this publication.

LENOVO may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time. LENOVO reserves the right to alter pricing, specifications and other product information without notice. It is your responsibility to obtain the latest information.

LENOVO may not offer all or some of the products, services or features discussed in this document in all countries. Information is subject to change without notice. Consult your local LENOVO representative for information on offerings available in your area.

Other part numbers in addition to those listed in this document may be required to support a specific device or function.

The following terms are trademarks or registered trademarks of Lenovo Corporation in the United States or other countries or both: Lenovo, Lenovo care, ThinkCentre, ThinkPad, ThinkPlus Services, ThinkPlus Accessories, ThinkVantage Technologies, ThinkVision, 3000 Family Notebooks, 3000 Family Desktops, TrackPoint, Asset ID, and Ultrabay.

Microsoft, Windows, and Windows logos are registered trademarks of Microsoft Corporation. Intel, Pentium, OverDrive, MMX, Celeron, Pentium II Xeon, Pentium III Xeon are trademarks or registered trademarks of the Intel Corporation or its subsidiaries in the United States and other countries.

UNIX is a registered trademark in the United States and other countries licensed exclusively through X/Open Company Limited. C-bus is a trademark of Corollary, Inc. Trinitron is a trademark of the Sony Corporation. SuperDisk is a trademark of Imation Corporation. Zip is a registered trademark of Iomega Corporation. AMD and K6 are trademarks of Advanced Micro Devices. Other company, product, and service names may be trademarks or service marks of others.

Unless otherwise stated, LENOVO makes no representations or warranties with respect to non-LENOVO products. Support (if any) for the non-LENOVO products is provided by the third party, not LENOVO.

For non-Lenovo software, software may differ from its retail version (if available) and may not include user manuals or all program functionality; applicable third party software licenses may apply.

On ThinkPad systems with an Intel 945GM, 945PM, GM965, or PM965 chipset, even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by an operating system will be limited to 3GB. This limitation does not exist with the Intel GM965 and PM965 with the 64-bit operating systems Windows XP Professional 64-bit and Windows Vista 64-bit Editions.

Certain Microsoft® software product(s) included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).

This LENOVO equipment is subject to applicable rules and regulations of the United States Federal Communication Commission (FCC). LENOVO reserves the right to change the price, product specification, and discontinue marketing the products listed, at any time, without notice.

The price displayed applies only to LENOVO Business Partners who are approved to acquire the product directly from LENOVO. LENOVO Business Partners that source from a LENOVO Distributor do so at prices and on terms that are established by the LENOVO Distributor, not by

LENOVO.