

Now, everyone in the room can see what's on your ThinkPad notebook.



IBM Data/Video Projectors



NEW!

IBM iLM300 MicroPortable Data/Video Projector and remote control with laser pointer

Highlights

- **Present on the road with ease with these compact ultra-light projectors.**
- **Enjoy clear, bright images thanks to DLP (Digital Light Processing) technology.**
- **Get the show started faster with auto-sensing electronics that quickly identify many ThinkPad® video signals.**
- **Take control with the infrared remote featuring a new integrated laser pointer, included with the IBM iLM300 MicroPortable Projector.**

Built for business travelers

When you want to travel light and still make a big impact with your presentation, choose the smallest member of the IBM family of data/video projectors, the IBM iLM300 MicroPortable Data/Video Projector.

This little 2.5"-high marvel delivers big presentation performance, despite weighing only 2.4 lb. With the advantages of DLP technology built in, plus 1100 lumens of brightness, the IBM iLM300 MicroPortable Data/Video Projector projects clear, brilliant images.

Fast setup, easy adjustments

The IBM iLM300 MicroPortable Projector includes new auto-sensing electronics that quickly identify video signals from many ThinkPad notebooks, so you're ready to present fast. The one-button keystone correction, manual zoom lens and leveling foot allow speedy positioning of your image in virtually any presentation environment.

More features = more value

For such a tiny projector, the IBM iLM300 MicroPortable Projector is loaded with features you'll appreciate. There's an automatic brightness adjustment plus several simple single-button controls. And it operates at a whisper-quiet 32dB, so projector noise won't get in the way of your show.

The IBM iLM300 MicroPortable Projector comes complete with a carrying case plus the cables necessary to attach it to your PC, DVD, VHS or digital camera using composite connectors. Want one for the road? Choose the IBM iLM300 MicroPortable Data/Video Projector.

For important warranty information, see page 8.

Call **1 888 SHOP IBM** or go to **ibm.com**

to buy direct, locate an IBM reseller or for more information.

Why buy an IBM Data/Video Projector?

For starters, IBM Projectors offer a lot of lumens for the money. And the more lumens in your projector lamp, the better to display the bright, bold images that make your presentations a success. IBM Projectors adjust to multiple resolutions including SXGA (1280x1024), XGA (1024x768) and SVGA (800x600) for outstanding clarity.

IBM Data/Video Projectors offer DLP technology, which helps yield crystal-clear images. And the IBM iLV200 ValueBased and iLC200 Conference Room Projectors offer DCDi (Directional Correlational Deinterlacing) technology by Faroudja, which helps smooth jagged edges.



IBM iLM300 MicroPortable Data/Video Projector

Use IBM Projectors to display business presentations from your ThinkPad or other notebook computer, tailoring each to a specific audience—without having to make new transparencies. You can use IBM Projectors for a wide array of applications. The projectors offer multimedia functionality with input sources for DVD players, camcorders, HDTV and gaming consoles.

Buy IBM and get a portable projector that matches the power—and the look—of your ThinkPad notebook. Get a single point of contact for both ThinkPad and Projector purchasing and support. Get the peace of mind that comes with a three-year limited warranty¹ on the projector and 90-day limited warranty on the lamp, as well as access to the IBM worldwide service and support network.



Control panel features on the IBM iLM300 MicroPortable Data/Video Projector



IBM iLM300 MicroPortable Data/Video Projector

Other data/video projectors available from IBM

IBM iLC200 Conference Room Data/Video Projector (0039A02)

You can easily move this projector from the boardroom to the conference room. It's a compact, lightweight, feature-rich projector: 5.7 lb., 2000 lumens, XGA (1024x768) resolution, 3-watt integrated speaker. It also includes DCDi technology to help produce smooth, natural images by reducing staircasing and jagged edges visible on the moving, angled lines in video. The dimmer switch allows reduced-brightness projection at 1600 lumens to help prolong the life of the lamp. Digital zoom capability allows you to maneuver and zoom in on a select portion of the projected image.

IBM iLV200 ValueBased Data/Video Projector (0038A02)

This low-cost projector packs a variety of features in a sleek package for an exceptional value. Specifications include 5.7 lb., 2000 lumens, SVGA (800x600) resolution and 3-watt integrated speaker. This model also features DCDi technology for more natural images by reducing jagged edges seen on some angled lines in video. Use the digital zoom capability to zoom in and show a select portion of the projected image. Plus, get flexibility and help prolong projector lamp life by using the dimmer switch to project at 1600 lumens.



Zoom lens

While the IBM iLM300 MicroPortable Projector offers manual zoom capability, the iLV200 and iLC200 both feature manual and digital zoom capability to precisely set your image size.



Leveling foot

A separate leveling foot located in the back on all three projectors helps keep them from rocking on an uneven surface. There's also a front elevator foot for projection height adjustment.



Security locking

All IBM Projectors can be "locked down" to a secure surface using an optional security lock that fits into the cable lock slot found on each IBM Projector. Using this feature can help prevent theft.



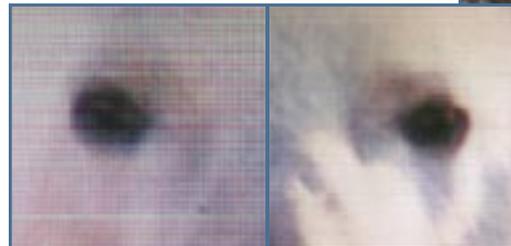
*IBM iLV200 ValueBased Data/Video Projector
IBM iLC200 Conference Room Data/Video Projector*

Control panel features on the iLV200 and iLC200 Projectors

What is DLP technology?

Many older computer projection systems used LCD technology, often producing faded or blurry images. With Texas Instruments DLP technology, projected images appear clear and bright. In fact, the difference between LCD and DLP projectors may be as startling as squinting through a screen door, then gazing through a clear pane of glass.

DLP uses tiny mirrors—more than 1,000,000 of them housed on a special kind of microchip called a Digital Micromirror Device (DMD)—to build an image. The result? Sharp graphics that can be seen clearly.



LCD

DLP

It's all done with mirrors.

DLP technology, found in IBM Projectors, uses 1,000,000 tiny mirrors to eliminate the "screen door" effect seen with ordinary LCD-projected images.



DCDi processing



Standard processing

DCDi technology helps both the IBM iLV200 ValueBased and iLC200 Conference Room Projectors deliver smooth video images.

What is DCDi technology?

The IBM iLV200 ValueBased and iLC200 Conference Room Projectors offer DCDi technology, which produces smooth, natural images by reducing staircasing and jagged edges visible on the moving, angled lines in video. DCDi technology suppresses artifacts and provides strikingly clear images with features such as cross-color suppression, per-pixel motion adaptive processing and patented film mode. DCDi was developed by Faroudja, a division of Sage Inc. and a leader in innovative, high-performance video processing.

IBM Data/Video Projector specifications			
Product	IBM iLM300 MicroPortable Data/Video Projector	IBM iLC200 Conference Room Data/Video Projector	IBM iLV200 ValueBased Data/Video Projector
Part number	0037A03	0039A02	0038A02
Native resolution	XGA (1024x768) DLP	XGA (1024x768) DLP	SVGA (800x600) DLP
Brightness	1100 lumens	2000 lumens 1600 lumens (conservation mode)	2000 lumens 1600 lumens (conservation mode)
Aspect ratio	4:3 (16:9 video)	4:3 (16:9 video)	4:3 (16:9 video)
Contrast ratio	800:1	400:1	400:1
Displayable color palette	16.7 million colors	16.7 million colors	16.7 million colors
Projection lens	1.85-2.35:1 manual zoom	1.25:1 manual zoom	1.25:1 manual zoom
Light source	120 watts UHP	270 watts SHP	270 watts SHP
Data compatibility	VGA, SVGA, XGA, SXGA and 1080i: HDTV	VGA, SVGA, XGA, SXGA and 1080i: HDTV	VGA, SVGA, XGA, SXGA and 1080i: HDTV
Video compatibility	NTSC 3.58, NTSC 4.43, PAL SECAM, SDTV (480i), EDTV (480p)	NTSC 3.58, NTSC 4.43, PAL SECAM	NTSC 3.58, NTSC 4.43, PAL SECAM
Audio	1-watt stereo/mono speaker	3-watt stereo mono speaker	3-watt stereo mono speaker
Control	infrared remote with integrated laser pointer	executive remote	executive remote
Connection	DVI connection to both digital and analog PC's, side port for USB mouse connection and control		
Configuration method	plug-and-project auto synchronization, auto tracking, auto positioning, auto source detect, auto black/white level detect		
Dimensions (HxWxD)	63.6x154x195.5mm (2.5x6.2x7.8")	85x260x279mm (3.3x10.3x11.0")	85x260x279mm (3.3x10.3x11.0")
Weight	1.1kg (2.4 lb)	2.6kg (5.7 lb)	2.6kg (5.7 lb)
Power supply	100–240V at 50–60Hz	100–240V, 200–240V at 50–60Hz	100–240V, 200–240V at 50–60Hz
Agency approvals	CCC, CE, C-TICK, CUL, NOM, TUV, UL, VCCI	CCEE, CE, C-TICK, CUL, NOM, TUV, UL, VCCI	CCEE, CE, C-TICK, CUL, NOM, TUV, UL, VCCI
Limited warranty¹	3 years (projector) 90 days (lamp)	3 years (projector) 90 days (lamp)	3 years (projector) 90 days (lamp)

Projection distances and image sizes for all IBM Data/Video Projectors		
Distance to screen	Minimum diagonal image size	Maximum diagonal image size
1.5m (5')	0.9m (3.0')	1.1m (3.6')
2.4m (8')	1.4m (4.7')	1.7m (5.8')
3.7m (12')	2.2m (7.1')	2.7m (8.6')
4.9m (16')	2.9m (9.4')	3.5m (11.5')
6.1m (20')	3.5m (11.8')	4.3m (14.4')
9.1m (30')	5.4m (17.7')	6.6m (21.6')

Professional presentation solution

You're a business traveler who's always on the go. You spend much of your working life shuttling between airplanes, taxicabs and hotel rooms. And all along the way, you need to make changes to your big presentation—editing, updating, tailoring it to each specific audience.

No problem. Travel light and customize your presentation as needed with a ThinkPad notebook and an ultra-small IBM MicroPortable Data/Video Projector. And get further help from the following accessories, sold separately:

■ ThinkPad Premier Leather Carrying Case:

Look stylish and help protect your ThinkPad notebook from bumps and bruises with the SafePORT air-cushion protection system.

■ IBM USB 2.0 Portable CD-RW Drive:

This powerful, small, lightweight USB 2.0 and 1.1 compatible CD-RW drive supports buffer underrun protection technology.

■ ThinkPad 72W DC Adapter:

Stay connected wherever you are.

■ IBM 128MB USB 2.0 Memory Key:

This thumb-sized device features a write-protection switch to prevent accidental overwrites and security software which creates a secure partition to protect certain files.



NEW!

ThinkPad X30 with the IBM iLM300 MicroPortable Data/Video Projector



ThinkPad Premier Leather Carrying case



IBM USB 2.0 Portable CD-RW Drive



ThinkPad 72W DC Adapter



IBM 128MB USB 2.0 Memory Key

Professional presentation solution

Combine these IBM options (sold separately) with your ThinkPad notebook to create a total presentation solution. For more information, go to ibm.com/pc/us/accessories/projectors.

Description	Part #
NEW! IBM iLM300 MicroPortable Data/Video Projector	0037-A03
IBM USB 2.0 Portable CD-RW Drive	22P5297
ThinkPad Premier Leather Carrying Case	10K0209
ThinkPad 72W DC Adapter	10K3820
512MB PC133 CL3 NP SDRAM SODIMM	10K4656
IBM 128MB USB 2.0 Memory Key	22P8998
Additional ThinkPad system battery	Varies by system; see compatibility matrix for individual part numbers
IBM ThinkPad X30 Extended Life Battery	02K7041

Projector Lamp specifications

Product	Projector Lamp for the IBM iLM300 MicroPortable Data/Video Projector	Projector Lamp for the iLC200 Conference Room (0039A02) and iLV200 ValueBased (0038A02) Data/Video Projector
Part number	33L3537	31P6936
Brightness	1100 ANSI lumens	2000 ANSI lumens 1600 ANSI lumens (conservation mode)
Light source	120 watts UHP	270 watts SHP
Lamp life (typical)	2,000 hours	2,000 hours
Dimensions (HxWxD)	8.9x9.5x5cm (3.5x3.75x2")	14x6.9x7.5cm (5.7x2.8x3")
Weight	0.12kg (0.25 lb)	.24kg (0.5 lb)
Limited warranty	90 days	90 days

For those with legacy systems

IBM continues to offer the following projector lamps:

Projector Lamp for the Microportable Projector (0037A02)	33L3456
Projector Lamp for the ValueBased (0038A01) and Conference Room (0039A02) Projectors	33L3436
Projector Lamp for the UltraPortable Projector (0037A01)	33L3434

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1 781 320-0123

Warranty information:

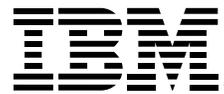
For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept JDJA/B203. IBM makes no representation or warranty regarding third party products or services.

¹ Telephone support may be subject to additional charges. For onsite labor, IBM will attempt to diagnose and resolve the problem remotely before sending a technician. Bulb covered by a separate 90-day limited warranty.

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