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s accelerator f VRAM. For Gateway PC

Digital 1.6GB

on of compopetitive scores based bench-'s Winstone 95 Mark 95 scores r than the top ne Dimension. Mark 95 tests, 33XL's score pack and apof a 120-MHz

er the least exst performing 1 system avail-P5-133XL is an  $\Gamma V$ 

5-133XL. List um/133 CPU, external cache, 7-inch monitor, 1,299. Gateway ioux City, SD; -232-2000; fax,

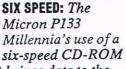
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## INNIA

fully-equipped cently won an ward (May 30, Millennia just er. The \$4,498 lennia system blistering pace nension and ofof high-end fea-

33 Millennia is six-speed CDn uses a Future apter card; the eviewed came uad-speed CD-P133 Millennia





drive (inset) brings data to the screen quicker.

The unit garnered some of this roundup's best scores on our benchmark tests. The P133 Millennia's Winstone 95 result of 207 tied with the Dell Dimension, but it was slightly off the mark with a 22.6-million-pixel-per-second Graphic WinMark 95 result; the price: With Pentium/133 CPU, 16MB RAM, 256K external cache, 1.6GB hard disk, 15-inch monitor, CD-ROM drive, \$4,498. Micron Electronics Inc., Nampa, ID; 800-388-6334, 208-463-3434; fax, 208-465-3424.

Circle 433 on reader service card

model. The display is bright and

rich, although at times it appeared

slightly dulled compared to the

755C. There's a single slide con-

trol to adjust panel brightness.

the 755CV we tested had a Win-

Based on a DX4/100 processor,

**PORTABLE PCs** 

## IBM's ThinkPad 755CV Projects a New Image

By Brian Nadel

ike a Transformer toy, IBM's ThinkPad 755CV folds open to reveal a new personality a notebook whose lid can be removed so that it can work with an overhead projector. At \$6,799, the 755CV is expensive, but it lets you give a group presentation at the spur of the moment.

The 755CV's quick change starts when you unsnap its lid and fold the hinge over. In an arrangement that would have made Rube Goldberg proud, the 755CV is then strapped to an overhead projector. It takes about 5 minutes to set up the unit and lock the system's seat belt in place (with its straps secured, the PC remains precariously perched on the overhead projector). The hardest part is positioning the notebook's display panel so that it is exactly parallel to the overhead projector's glass bed—necessary if the entire screen is to be in focus.

The 755CV only works with transmissive projectors, and if you use one whose output is above 6,000 lumens, the panel may temporarily overheat and turn brown. While you can't write directly on the panel, IBM provides the next best thing to annotate your presentation: Mind Path Technologies' Presentation F/X infrared (IR) remote control (First Looks, September 13, 1994), which can beam commands to the Think-Pad's built-in IR window. Included special effects software gives you the ability to circle or underline portions of a slide and even write notes. With the 755CV's cover in place, however, the IR window is obscured, requiring

stone 95 score of 53.4 and a WinDrain battery result of 2 hours 10 minutes. At \$6,799, this unit was about \$1,400 more than a comparably equipped 755CE. While the 755CV works well, the strap-on approach is still lacking. This PC is only for those who lug around a notebook and an external projection panel and want to lighten their load.

FOLD-OUT SCREEN: The lid of the ThinkPad 755CV folds over to work with many common overhead projectors, but the notebook requires a safety strap to stay in place.

contortions to maintain a line-ofsight connection between the remote control and the notebook.

The 7-pound-6-ounce system has the same keyboard, Track-Point III pointing stick, 10.4-inch active-matrix color display, dimensions, and weight as a 755C ThinkPad 755CV. List price: With DX4/100 CPU, 8MB RAM, 540MB hard disk, 10.4-inch activematrix color display, \$6,799. IBM Personal Computer Co., Somers, NY; 800-772-2227; fax back, 800-426-4329 (enter 99).

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