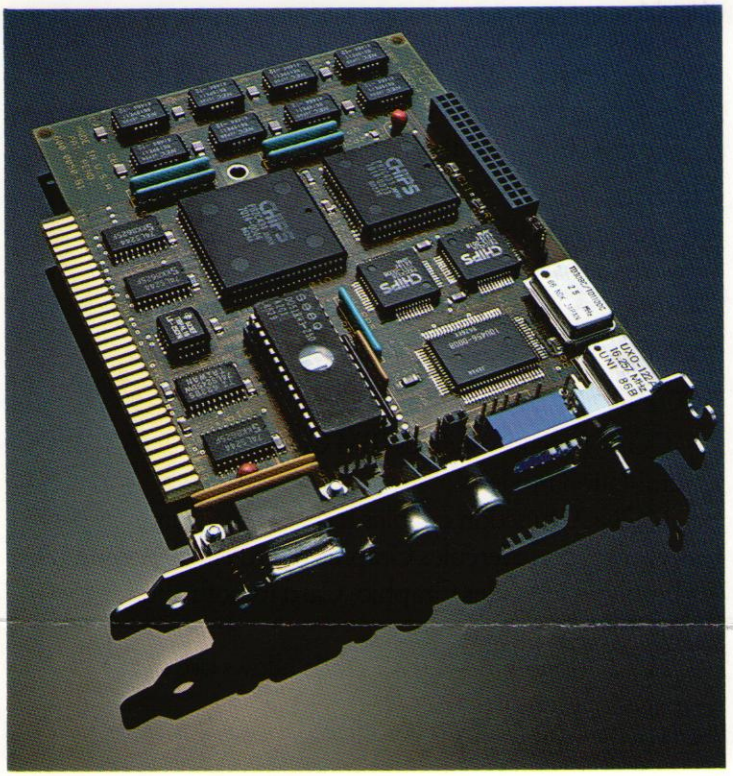

V·E·G·A deluxe™

All the advantages of the original VEGA™, plus a 37% increase in resolution. Video-7 takes you higher.

37% BETTER.

This year, there is an EGA card that does more than just support all the major industry graphics adapter standards—the Monochrome Graphics Adapter (MGA), the Color Graphics Adapter (CGA), the Hercules Graphics Card (HGC), and the Enhanced Graphics Adapter (EGA). The VEGA Deluxe actually betters the EGA standard for higher resolutions by 37%. Up to 640X480 and 752X410 with a NEC MultiSync,® or compatible monitor. Which, in turn, means 37% sharper lines. 37% more brilliant colors. And 37% less strain on your eyes. What's more, 16 on screen colors are possible from a palette of 64. So, the EGA standard never looked better.

COMPATIBILITY ANY WAY YOU LOOK AT IT.

The VEGA Deluxe will automatically select the right mode for emulation so you won't have to think about changing the mode once your program is up. It's a feature called AutoSelect. What's more, VEGA Deluxe includes higher resolution drivers for Microsoft Windows™ and software that enables the use of the graphics adapter with bootable CGA games. But that's not all. If, for any reason, the VEGA Deluxe does not work with software created for the MGA, CGA, HGC and EGA—Video-7 will fix it or refund the purchase price. We call it our Compatibility Guaranteed Program and all you do is call us at (408) 943-0101. Request a Return Materials Authorization #. Explain what the trouble is, including the version # of your software. And let us work on it for 30 days. By then, if we haven't figured it out, just send us the board along with a sales receipt and we'll send you a check by return mail.

FEWER ICs FOR GREATER RELIABILITY.

Video-7's proprietary EGA Integrator™ chip and surface-mount technology give the VEGA Deluxe the lowest IC count of any EGA board. The chip reduction means lower power consumption and reduced heat build-up, making for long-term reliability. It also means that there is more room on the board so we added a second oscillator for even better resolution. Add that to our two year warranty and you've got the EGA board that everyone will be trying to copy next year. The beauty is that you can have it all right now.

A SHORT BOARD THAT'S LONG ON FEATURES:

VEGA Deluxe works in any slot of any PC and most compatibles, including slot 8 of an IBM PC/XT.

- RAM-based character generator allows up to four sets of 256 different characters or two sets of 512 different characters for multiple character fonts.
- Character cells can be any size up to 32 dots high and 8 dots wide.
- 256K dynamic RAM screen buffer (supports up to 8 graphics pages).
- Smooth, flicker free horizontal and vertical scrolling.
- Will co-exist with a Monochrome Display Adapter or Color Graphics Adapter residing in another slot.
- Supports horizontal "split screen" applications compatible with IBM's EGA.

SYSTEM REQUIREMENTS:

- IBM PC, XT, AT or equivalent with any slot available (any memory capacity).
- IBM Monochrome, Color, or Enhanced Color Display or equivalent, NEC MultiSync or compatible.

MONITOR COMPATIBILITY:

- NEC MultiSync or compatible monitor (high resolution modes require TTL color monitors capable of 25.0 KHz and 29.4 KHz).
- IBM Enhanced Graphics Display (or 350 line, 64 color RGB/R'G'B' compatible).
- IBM Color Display (or 200 line, 16 color RGBI compatible).
- IBM Monochrome Display (or IBM-compatible TTL monochrome monitor).

GRAPHICS MODES:

No. of Colors	Pixels (H x V)	Pages (max.)	Display Req'd (1)	Adapters Emulated (2)
16	320 x 200	8	CD/ECD	EGA
16	640 x 200	4	CD/ECD	EGA
2	640 x 350	1	MD	EGA
2	640 x 350	2	MD	EGA
4/64	640 x 350	1	ECD	EGA
16/64	640 x 350	2	ECD	EGA
4	320 x 200	1	CD/ECD	CGA, EGA
2	320 x 200	1	CD/ECD	CGA, EGA
2	640 x 200	1	CD/ECD	CGA, EGA
2	720 x 348	2	MD	HGC
16/64	752 x 410	1	MS	VEGA Deluxe
16/64	640 x 480	1	MS	VEGA Deluxe

ALPHANUMERIC MODES:

No. of Colors	Char. x Rows	Char. Cell	Pages (max.)	Display Req'd (1)	Adapters Emulated (2)
16/64	80 x 25	8 x 14	8	ECD	EGA
16/64	80 x 43	8 x 8	4	ECD	EGA
2	80 x 43	9 x 8	4	MD	MDA, EGA
2	40 x 25	8 x 8	8	CD/ECD	CGA, EGA
16	40 x 25	8 x 8	8	CD/ECD	CGA, EGA
2	80 x 25	8 x 8	8	CD/ECD	CGA, EGA
16	80 x 25	8 x 8	8	CD/ECD	CGA, EGA
2	80 x 25	9 x 14	8	MD	MDA, HGC, EGA

(1) ECD = Enhanced Color Display, MD = Monochrome Display, CD = Color Display, MS = MultiSync.

(2) EGA = Enhanced Graphics Adapter, CGA = Color Graphics Adapter, HGC = Hercules Graphics Card, MDA = Monochrome Display Adapter. VEGA Deluxe = higher resolution than currently supported by IBM EGA standard.

USER CONTROLS:

Back Panel Access:

- Switches 1-4: Initial mode selector and primary/secondary display adapter priority selector (required when VEGA Deluxe is used with another display adapter in the system).
- Switch 5: Emulation mode enable/disable (ON allows VEGA Deluxe to emulate other adapters such as CGA or Hercules).
- Toggle Switch: Enhanced Color Display enable/disable (in contrast to IBM's EGA, VEGA Deluxe allows switching between enhanced color and color or monochrome displays without removing PC's cover).

Internal:

- Jumper Selector: Address Port select (3XX/2XX—normally left in 3XX).
- Jumper Selector: Slot 8 select (for installation in slot 8 of PC/XT)

SOFTWARE UTILITIES:

- "CGA" function enables IBM Color Graphics Adapter emulation mode.
- "MONO" function enables IBM Monochrome Display Adapter and Hercules Graphics Card emulation mode.
- Emulates Hercules Graphics Card in both "FULL" *and* "HALF" modes.
- "FULL" option in MONO mode allows use of two pages of memory.
- "HALF" option in MONO mode allows use on only the first page of memory permitting an IBM-compatible Color Graphics Adapter to be used in the same system.
- "SAVE" function turns off the display after a period of inactivity selected by the user (normally set to five minutes).

DIMENSIONS:

- PC Board: 4.2 in. high x 5.0 in. long (fits short slot of IBM PC/XT).
- Connectors: (1) DE-9 female, compatible with IBM EGA, CGA, or MDA.
  (1) 32-pin, EGA-compatible "feature connector."
  (2) RCA phono connectors, compatible with IBM EGA.
  (1) 6-pin, keyed (pin 2 removed) light pen connector.

WARRANTY:

- All Video-7 products are guaranteed to be free of defects in material and workmanship for a period of two years from the date of purchase (see Warranty Card for more information.)

VIDEO 7 SEVEN

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