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[Feedback]

ELSA XHR Gemini/2

@805B.ADF ELSA XHR Gemini Graphic Subsystem

all_xhr.zip DOS/Win3.x drivers for ELSA XHR cards including TIGA (CAD only?)

ELSA XHR Gemini/2
Specifications
Windows Drivers
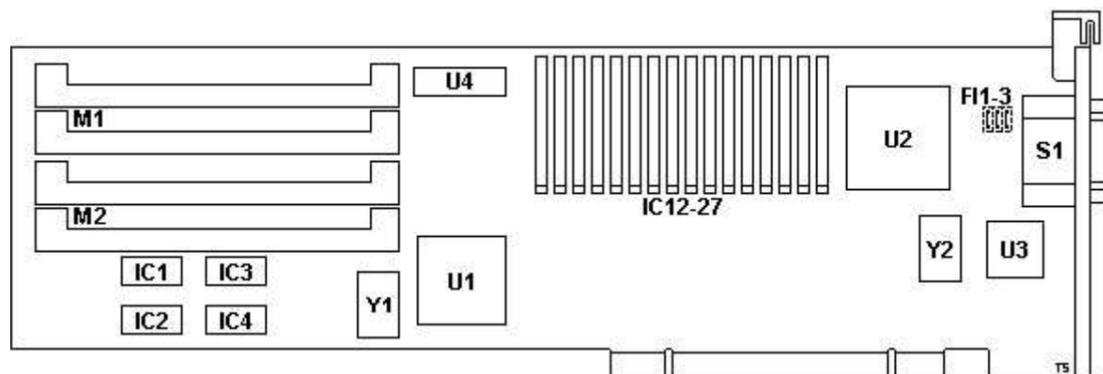
Photos and info provided by Christian Holzapfel. Thanks!

ELSA XHR Gemini/2

XHR GEMINI/2 118 📷 📷

Some of the reference designators are obstructed - all Ux and Yx designators are made up.

FI1-3 Wire jumper
IC1-4 TC514256AJ-10 256Kx4 DRAM
IC12-27 TC524256Z-10 256Kx4 DRAM
M1,2 twin 30-pin SIMM socket
S1 HD15 video connector
U1 TMS34010FNL-50 GSP

U2 Bt451KPJ110 RAMDAC
U3 Bt471KPJ35 RAMDAC
U4 DIP-20 socket
Y1 50.0000 MHz osc (GSP)
Y2 110.000? MHz osc (RAMDAC)

Specifications

Source: Unal Z's CSIPH post

512KB up to 4.5MB
1024x768 up to 1600x1280
16/256 colors out of 4096/262,144/16,800,000
Supported interfaces: EGOS, TIGA 340, DGIS (optional)

Windows Drivers

Source: elsa.de website (translated from German, edited)

Applies to all graphics cards of the XHR series, such as XHR, XXHR, Orion, Alpha, Spectra, Omega, Gemini:

These graphics cards are subsystem cards that are unusable for new 32-bit operating systems. None of the older graphics cards have their own BIOS and therefore cannot be recognized when booting. An additional VGA card is required for booting. These cards

were only addressed by the driver integrated in the CAD application. There are no drivers for Windows 95 or 98 or Windows NT 3.5x, 4.0 and 2000.

As the chipsets of these cards accelerate the processing of vectors, they are not suitable for setting up the Windows desktop. For these graphics chips, the desktop would consist of an infinite number of pixels, the number of which - e.g. at a resolution of 1280 x 1024 - exceeds the million mark. This would slow down the processing speed infinitely.