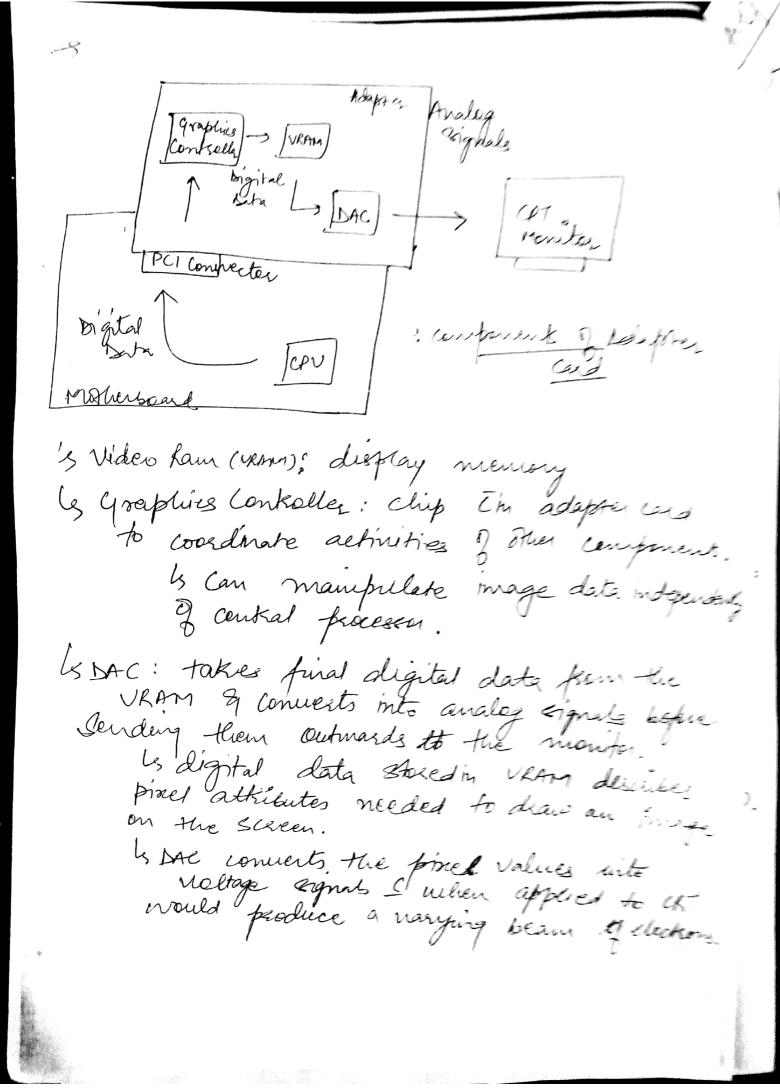
Wenal Display Systems -> Components. Les video adapter carle (interface 400 processes & monitor)
Les video adapter carle (transmission of eignals). -> CRT (cathode ray truste)

Deflection with Phosphor coating external Cathode (-ue) election Learn XIII - ECCO Phosphon duts Anode (tue) to at 1. 91 92 43 scaled glass T electrodes inside Le vacuum tuse (tue) & (-ue). property of emitting glow of light les prosphos has élections. are pixels (pieture elements). Is thoughour dok I horizontal (horizontally access Lis Deflection coil Westical (nestically along height of the screen). Is high noltage order 18KV. in the beam & . He strength les books Grids 942 (accelerating): acceleration in find 93 (focusing): focus to print x, so -that diameter of beam = diameter of single spot of phosphor.

Is Raster Scanning : been start from upp lest corner of screen of Lequentilly movies & ouer each pixel son kom left to right. (find trace) Les beam is on, fixele flow. Is end of each horizontal line, beam get off & rekales diagonally to the beginning I next Low (heisontal vekace). busine off of mours diagonally to the start point (nestical retrace) le l'essistence à rision Is election beam produces a complete kanne ts holding on to an image ls refresh rate Is Color CRT 13 3 coloneed dok (triad), RBG. S beams of electrosks from electrode (cleetran grun electron Beams of Coated Screen Phoephos u conted Screen LGB components

Enterlacing: technique to lower refresh vates to produce images comparable in quality. Is each kame produced by raster scan is split Is each half is called a field. 1st field 2nd field add no. of pixel Even no, iz some. 3 Repet Ratio: Ratio of hosisontal no. of pinels to the restical no. of pinels. Is <u>hesolution</u>: total no. I princh per unit length I the manites in the hospental direction. (dots per inch). - S Video Adapter land Ly sik on a slot on the modherbeard. It sik on a slot on the modherbeard. It will as an interface of processor of monitor legigital data region for executing an image on the seven is generated by CDU 9 consists.

RGB values for each priced on the screen (pixel netribit)



AGP (Accelerated Graphics Post), Is removed pressure from existing PCI bus to kanefer large asmount of data 864 les allows part of main meniory to be used per storing video data Is ideal for Kaneferring luge and of data ser'd for displaying 35 graphics Video Adaptes 1DAC AGP Bus

LCD (Liquid Crystal bisplay) les liquid constant is a transparent organic Guestance Unsisting of long sed like molerne molecules. les props of manipulating direction of light rays Honing then it. les pouver consumption is less & more expensive. les Les monder is collection of Les elements generating pixel on the screen. Is signed caryetal layer sandwiched In & finely grooned surfaces I to each There & & prical polarizing filter I to each Alier. s by Koming the liquid reyetal oner a finely Groved surface, the alignment of molecules Can be conkelled. Polarization égut emitte de l'alarie 1 from source (2-2 plane) Light get toursted from 2-2 plane to or-y plane by liquid crystal Polarized Liquid Crystal whose Jamolecular assangament 1: -eigenthists eight by 90° Electrical Congle flane of Contact elgert along pen 2-2 pane digit energes

eigent from the collection. A second polarizer villege lines an I to the first would block all the polarized light. is Types of ICD devices 1 Active Making Porssive Makin - 3 Plasma Display Panel (PDP). Le Plasma is an energetic gas-place staté y matter. Les Cellection of Pors of Clerkons, a are louised Comissione Kat planel display where lightis created by phosphore excited signals a plasma discharge boy 2 flat panels
of glass.