

KASER-YF700



VIA VT8500 Features

Processor: ARM926EJS @ 250~400MHz
JPEG Codec: JPEG & MJPEG Encode & Decode
Audio Decoding: MP3

Video I/O: 2D Graphics Accelerator

LCD controller (1024x1024/1280x800)

CCIR656/601 I/O

MPEG2TS

Audio I/F:

I2S/AC97/PCM

8ch/10bit ADC

Peripherals:

USB2.0 Host/Device x1

10/100 Ethernet MAC

Generic uP I/F PS/2 Keyboard & Mouse

UARTx4, I2Cx2, SPIx3

PWMx2, GPIO, SPI ROM

Security Engine: DES/3DES, AES, RC4

Package: 19x19 PBGA

H/W Specifications

CPU	VIA VT8500 300Mhz
Memory	-DDR2-400 256MB on Board
Storage	-512MB Up to 4GB MLC Nand Flash on Board -40-PIN IDE expansion slot x 1
Display	1024 x 768, 16-bit Color
Networking	-10/100Base-T Fast Ethernet, -IEEE 802.11g WLAN (optional)
I/O:	-USB2.0 x3 -SD/MMC Card Reader x 1 -PS/2 Keyboard/Mouse x 2 -AC97 Audio Line-in/Out x 1 -VGA D-SUB x 1 -COM port x 1 -Reset Button x 1 -Power On/Off Switch x 1
Diagnostic LEDs	-Green LED: Power On/Off, -Orange LED: System Activity (Storage Access)
Power	-External Power Adapter -100 ~ 240VAC, 12V/3A, 4-PIN mini-DIN Jack
	Dimension 126 x 127 x 23 mm, Weight 300g