



## Eointec Solutions IgnitionPro - Davinci module For Rapid Prototyping

**Module:**

Dimension:  
Size 123mm x 72mm approx

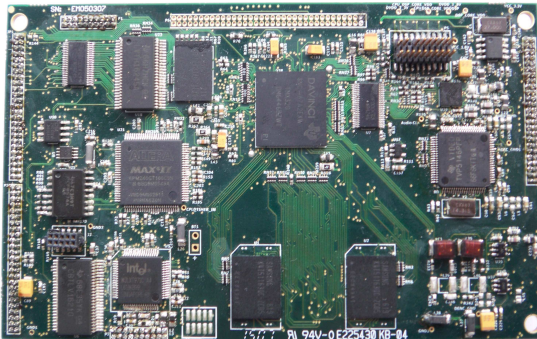
Software-DSP Side:  
DSP BIOS  
Reference Frame work  
Codec Engine  
xDM audio/video algorithm

Software- Arm Side:  
Linux OS 2.6.10  
Codec Engine  
Linux Application

**Module Evaluation Motherboard:**

Dimension:  
Size 236mm X 105mm approx.

Peripherals:  
Video in/out  
Audio in/out  
USB  
Infra-red  
Serial Port  
Ethernet  
Hard drive  
Compact Flash  
Expansion Connector



**Processor:** TMS320DM6446  
ARM9+DSP

**Core Clock:** ARM-297Mhz  
DSP 600Mhz

**Flash Memory:** Nand Flash 256MBit

**DDR2 Memory:** 32M x 32bit

**Microcontroller:** TI-MSP430

**EEPROM:** 256K

**CPLD:** Altera- EPM240GT100

**Example Applications:**

- DVR
- Web Page Server

**Codec:** H.264 encode evaluation DSP Server

Example application software supplied with source code and pre loaded onto device along with Linux kernel.

**Design Services:**

Eointec Solutions also offers TMS320DM642™ and TMS320DM64xx based professional product development services that reduce R&D costs and time-to-market.

**Applications:**

- Digital Video Recorder
- Video-on-Demand
- IP Set-top box
- Video Surveillance Systems
- IP Video Phone
- Video Conference Systems
- IP enabled Video Recorders



