

Computer on Module based on the Freescale™ i.MX51 Family

DESCRIPTION

The QuadMo747-X/i.MX51 is a Qseven® Spec. Rel. 1.20 Compliant Module designed by SECO that offers an excellent combination of multimedia capabilities and low power consumption.

The board integrates i.MX51 Multimedia Applications platform from Freescale™, a multimedia processor integrating a Cortex™ A8 ARM Core, ideal for applications requiring multimedia capabilities.

TECHNICAL SPECIFICATIONS

Applications Processor	Freescale™ i.MX51 Family: Freescale™ i.MX513 @ 800MHz Freescale™ i.MX515 @ 800MHz, with OpenGL ES 2.0 3D graphics accelerator and OpenVG 1.1 2D graphics accelerator integrated
Memory	DDR2 256 MB / 512MB onboard
Mass Storage	Up to 4GB NAND Flash eMMC soldered onboard MMC / SD / SDHC / SDIO interface µSD Card Slot onboard
VIDEO	LVDS Single/Dual Channel 18/24 Bit interface DVI Single Link interface (optional) resolution up to 1600 x 1200
ETHERNET	10/100 Base-T interface
USB	1x USB OTG 4x USB 2.0 Host
SERIAL PORTS	2 x COM ports CAN interface (optional)
Audio	AC'97 / I ² S Audio Interface
Video Input Port / Camera Connector	
4-Wire Touch Screen Interface	
LPC Bus	
SM Bus	
SPI / One Wire interface	
I²C bus	
Integrated Security Features (i.MX515 only)	
Temperature	0°C ÷ +70°C (commercial version) -40°C ÷ +85°C (industrial version)
Dimensions	70x70 mm (2.76" x 2.76")
Compliant to Qseven® Specifications Rel.1.20	

ACCESSORIES

Heat Spreader and heat sink kits available on request.

ORDERING INFORMATION

Please Contact SECO for Ordering Information

