QuadMo747-X/T30

Computer on Module with NVIDIA® Tegra® T30 Processor

DESCRIPTION

QuadMo747-X/T30 is a Qseven® Rel. 1.20 Compliant Module designed by SECO that represents the top performance possibility for computational and graphical applications based on low power ARM architectures.
The board integrates Tegra® T30 High-Definition Mobile processor from NVIDIA®, a Quad-Core Cortex A9 CPU with frequencies up to 1.3GHz.

TECHNICAL SPECIFICATIONS

Processor	NVIDIA® Tegra® T30 w/ Quad ARM® CORTEX -A9 MPCore™ CPU, 1.3 GHz per core
Memory	up to 2GB DDR3L onboard
Graphic Interface	embedded NVIDIA® ULP GeForce® GPU Integrated High Definition Audio-Video Processor
Display	LVDS Single/Dual Channel 18/24 Bit interface HDMI 1.4a Interface
Video Resolution	Up to 1080p on HDMI Up to 1920 x 1080 on LVDS
PCI Express	1 x PCI-e x4 lane, or 2 x PCI-e x2 lanes (with support for 2 x PCI-e x 1 devices)
USB	6 x USB 2.0 ports
Mass Storage	eMMC, up to 32GB, soldered onboard 1 x S-ATA Channels microSD Slot onboard 4 bit SD/MMC interface
ETHERNET	Gigabit Ethernet Interface
Audio	HD Audio Interface
Expansion Bus	I²C, SM Bus, LPC, SPI
Serial ports	2 serial ports (Tx, Rx signals) CAN Bus Interface
Video Input Port / Camera Connector	
One Wire Interface	
Thermal Cooling Interface	
Power management signals	
Power supply	+5V$_{DC}$ AT/ATX mode
Dimensions	70x70 mm (2.76" x 2.76")

ACCESSORIES

Heat Spreader and heat sink kits available on request.

ORDERING INFORMATION

Please Contact SECO for Ordering Information

Q SEVEN®

POWERED BY
NVIDIA® TEGRA®