

Computer on Module with NVIDIA® Tegra® T20 Processor

DESCRIPTION

QuadMo747-X/T20 is a Qseven® Rel. 1.20 Compliant Module designed by SECO that represents the top performance possibility for multimedia applications based on low power ARM architectures

The board integrates Tegra T20 Multimedia Applications platform from NVIDIA®, a Dual Core Cortex A9 CPU with frequencies up to 1GHz.

TECHNICAL SPECIFICATIONS

Qseven® Standard Features

Processor	NVIDIA® Tegra2® T290 w/Dual ARM® CORTEX -A9 MPCore™ CPU, 1.0GHz per core
Memory	up to 1GB DDR2 onboard
Graphic Interface	embedded NVIDIA® ULP GeForce® GPU Integrated High Definition Audio-Video Processor
Display	LVDS Single/Dual Channel 18/24 Bit interface HDMI Interface
VIDEO RESOLUTION	Up to 1080p on HDMI Up to 1680 x 1050 on LVDS
PCI Express	2x PCI-E x1 lanes (Relaxed Ordering Mode only)
USB	6 x USB 2.0 ports
Mass Storage	On board IDE Flash Disk up to 2GB eMMC, up to 16GB, soldered onboard 2 x S-ATA Channels
ETHERNET	10/100 Mbps Ethernet Interface
Audio	AC '97 Audio Interface
MMC / SDIO interface	4 bit SD/MMC interface
Expansion Bus	I ² C, SM Bus, LPC, SPI
CAN Bus interface	
Thermal Cooling Interface	
Power management signals	
Power supply	+5V _{DC} AT/ATX mode
Dimensions	70x70 mm (2.76" x 2.76")

QuadMo747-X/T20 Specific Features

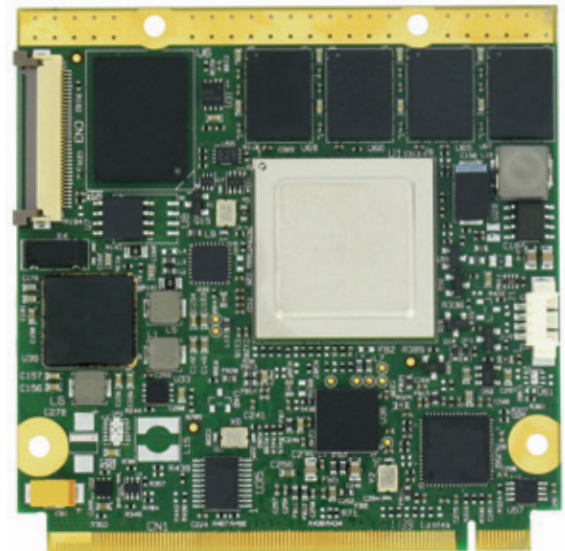
Video Input Port / Camera Connector	
One-Wire Interface	
JTAG interface	
Serial ports	2x RS-232 ports

ACCESSORIES

Heat Spreader and heat sink kits available on request.

ORDERING INFORMATION

Please Contact SECO for Ordering Information



POWERED BY
NVIDIA TEGRA®

