

Carrier Board for Qseven® QuadMo747 modules and MXM Graphic Cards

DESCRIPTION

The Qseven® Carrier Board SECOCQ7-MXM is the only Carrier Board available in the market able to expand the capabilities offered by Qseven® CPU modules with advanced graphical performances given by MXM Graphic cards.

- Able to accept MXM 3.0 compliant Graphic Cards, both Type "A" and Type "B"
- Triple HDMI interface, one coming out from Qseven® CPU module, the other derived by Display Ports #A and #C of MXM Graphic Card, plus LVDS interface, carried out from Qseven® CPU module
- Optimised for use with Quadmo747-X/T30 SECO Qseven® module, based on NVIDIA® Tegra® T30, Quad ARM® Cortex -A9 MPcore™ CPU, 1.3GHz per core
- SATA, Dual Gigabit Ethernet, microSD slot
- AC'97 or HD Audio Codec onboard
- Also suitable for heavy computational tasks, using graphic cores of MXM Graphic cards for parallel computational tasks, other than graphical

TECHNICAL SPECIFICATIONS

Supported Modules	Qseven® Modules offering HDMI and PCI Express x 4 / x1 interfaces MXM 3.0 compliant Graphic cards, both Type "A" and Type "B"
Mass Storage interface	1 x S-ATA connector µSD Card Slot
PCI-e x4 link between MXM 3.0 and Q7 modules	
Video	HDMI connection from Qseven® module Dual HDMI connection derived from Display Ports #A and #C of MXM Graphic Cards LVDS connection from Qseven® module
Ethernet	1 Ethernet port directly managed by Qseven® CPU module 1 x optional embedded PCI-e Gigabit Ethernet controller on the Carrier Board
USB	2 x USB 2.0 standard ports Internal Pin header for 2 additional USB 2.0 ports 1 USB On-The Go port
Audio	Embedded AC'97 or HD Audio Codec
CMOS Battery	On Board Lithium Battery for CMOS Backup and RTC
Power	19V _{DC} Power input
Temperature	Operating: 0° ÷ +60°C
Dimensions	200 x 140 mm (7.87" x 5.51")

ACCESSORIES

Heat Spreader and heat sink kits available on request.

ORDERING INFORMATION

Please Contact SECO for Ordering Information



CARRIER BOARD

