QuadMo747-x2000

Qseven®
COMPLIANT MODULE

Qseven® Rel. 2.0 Compliant Module with Intel® Atom™ Cedar View family Processors and Intel® NM10 Express Chipset

DESCRIPTION

QuadMo747-x2000 is a **Qseven® Rel. 2.0** Compliant Module designed by SECO, based on the newest Intel® Atom™ family of CPUs, N2000 and D2000, a series of Dual Core CPU with Hyper Threading capabilities and 64-bit instruction set.
Integrating a high performance 2D and 3D GPU, along with NM10 Express Chipset, which gives the support for most PC-like interfaces, this family of processors offers a very high level of performance for all kind of applications, from graphics to industrial automation.

TECHNICAL SPECIFICATIONS

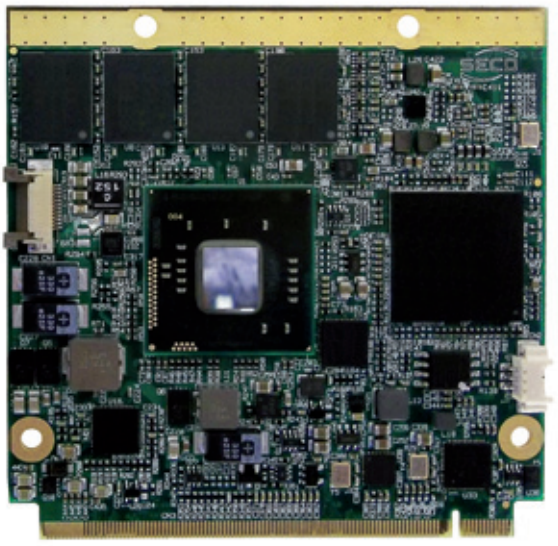
CPU	Intel® Atom™ D2550 @1.86GHz, 1MB Cache, 10W TDP Intel® Atom™ N2800 @1.86GHz, 1MB Cache, 6.5W TDP Intel® Atom™ N2600 @1.6GHz, 1MB Cache, 3.5W TDP	
Chipset	Intel® NM10 Express Chipset	
Memory	up to 4GB DDR3 / LPDDR3 1066MHz Soldered onboard (up to 2GB with N2600)	
Graphics	Integrated Intel® HD Graphics controller Dual independent display support	
Video interfaces	HDMI or Display Port interface 18/24 bit single channel LVDS interface (18bit with N2xxx CPUs) Embedded Display Port (eDP) interface Additional VGA interface (optional external adapter is required)	
Resolutions	**N2xxx CPUs**	**D2550CPU**
HDMI & CRT	Up to 1920x1200	Up to 1920x1200
LVDS interface	Up to 1366x768	Up to 1440x900
Display Port	Up to 1600x1200	Up to 2560x1600
eDP	Up to 1366x768	Up to 1920x1080
Mass Storage	Up to 2 x external S-ATA channels Optional SATA Flash Disk soldered on board, up to 128GB Optional SD / SDI/O Interface	
USB	Up to 8 x USB 2.0 ports	
Ethernet	Gigabit Ethernet interface	
Audio	HD Audio Interface	
PCI-express	3 x PCI-e x1 ports	
Interface Bus	I²C Bus LPC BUS SM Bus Thermal / FAN management Optional UART Interface Optional SPI interface FAN connector	
Dimensions	70 x 70 mm (2,76" x 2,76")	

ACCESSORIES

Heat Spreader and heat sink kits available on request.

ORDERING INFORMATION

Please Contact SECO for Ordering Information



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