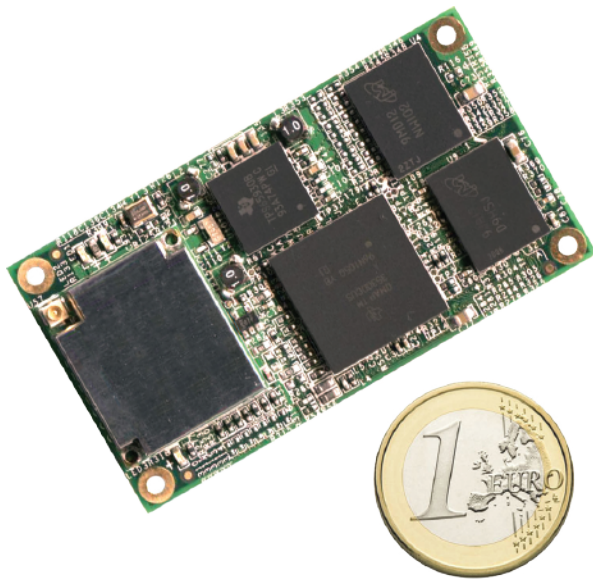


TAO-3530

System on Module



Key Features

TI OMAP 3530 application processor with ARM Cortex-A8 CPU, integrated DSP and POWERVR SGX 530 for 2D and 3D graphics acceleration.

Flexible expansion possibilities by two 100 pin connectors to customize your own interfaces on base boards at low cost.

Board Support Packages (BSP) available to create your own applications ranging from Windows CE to Linux, Android and Qt.

Specifications

System

CPU	TI OMAP 3530 @ 600MHz
DSP core	TMS320C64x+™ @ 430MHz
Memory	128 MB Low power mobile DDR
Storage	256 MB NAND Flash
Wireless LAN	Marvell 8686 802.11b/g
Supported OS	Linux 2.6.x, WinCE 6, Android, Qt

Interfaces

Connectors	two 100 pin NAIS connectors
	SPI, UART, USB host, USB OTG/ client, I ² C, PWM lines, 1-wire, MMC lines, A/D lines, camera, audio in/out/mic, S-Video, Display

Graphic Capabilities

Chipset	POWERVR SGX 530
	10Mpolys/s, up to 720p resolution
API support	OpenGL 2.0, OpenGLes 1.1, OpenVG 1.0

Power

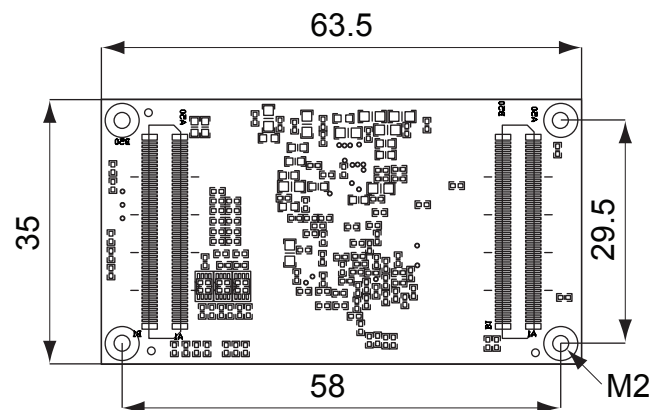
Power consumption	<2.0 Watt with Wireless enabled
Standby	<50 mWatt
Power requirements	5V, 4.2V, and for wireless 3.3V

Environmental and Mechanical

Temperature	Commercial: 0° to 70° C Extended: -20° to 70° C Industrial: -40° to 85° C
Humidity	10-90%
Dimensions	63.5 x 35 x 6.4 mm 2½ x 1⅞ x ¼ inch
MTBF	>100,000 hours
Weight	10 grams
Shock	50G / 25ms
Vibration	20G / 0-600 Hz

Dimensions

units in mm



Order Information

TAO-3530	OMAP3530 system on module
TAO-3530W	OMAP3530 system on module with Wireless LAN

TechNexion

Phone: +886-2-8227-3585
E-mail: sales@technexion.com
Web: <http://www.technexion.com>



All specifications are subject to change without notice