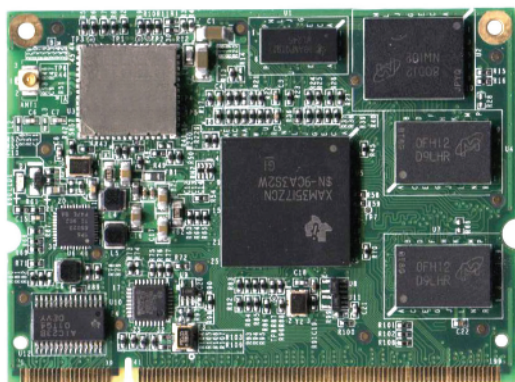


TAM-3517

System on Module



Key Features

TI Sitara AM3517 application processor with ARM Cortex-A8 CPU and POWERVR SGX 530 for graphic acceleration.

200 pin SO-DIMM connector carrying CAN, LAN, USB, UART, SPI, I²C, LCD, Camera signals making the TAM-3517 ideal for industrial usage.

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

Specifications

System

CPU	TI Sitara AM3517 @ 500MHz
Memory	256 MB DDR2
Storage	256 MB NAND Flash
Wireless LAN	TI 802.11b/g + bluetooth
Supported OS	Linux 2.6.x, WinCE 6, Android, Qt

Interfaces

Connectors	200 pin SO-DIMM SPI, UART, USB host, USB OTG/ client, I ² C, PWM lines, 1-wire, MMC lines, A/D lines, camera, audio in/out/mic, JTAG, S-Video, Display, CAN, LAN
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Graphic Capabilities

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

Power

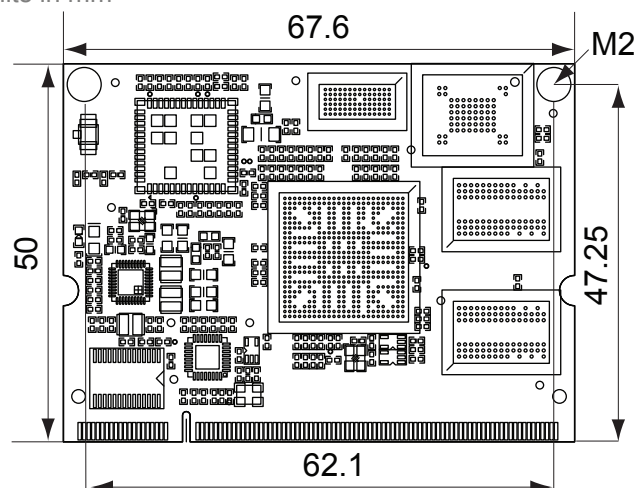
Power consumption	<2.0 Watt with Wireless enabled
Standby	<50 mWatt
Power requirements	5V

Environmental and Mechanical

Temperature	Commercial: 0° to 70° C Extended: -20° to 70° C Industrial: -40° to 85° C
Humidity	10-90%
Dimensions	67.6 x 50 x 3.4 mm (2 5/8 x 2 x 1/4 inch)
MTBF	>100,000 hours
Weight	12 grams
Shock	50G / 25ms
Vibration	20G / 0-600 Hz

Dimensions

units in mm



Order Information

TAM-3517	AM3517 system on module
TAM-3517BW	AM3517 system on module with Wireless LAN and bluetooth

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All specifications are subject to change without notice