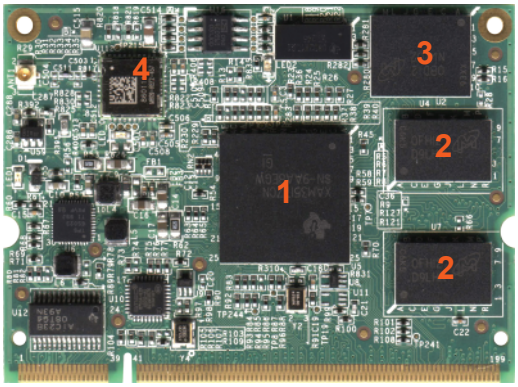
TAM-3517

System on Module



TI Sitara AM3517 application processor based on ARM Cortex-A8 CPU and POWERVR SGX 530 for 2D and 3D graphic acceleration.

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

System

CPU	TI Sitara AM3517 @ 600MHz (1)
Memory	256 MB DDR2 (2)
Storage	512 MB NAND Flash (3)
Wireless LAN	Marvell 8686 802.11b/g (4)
Network	Integrated EMAC
CAN Bus	High End CAN-Bus Controller version 2.0B compliant
Supported OS	Linux 2.6.x, WinCE 6, Android

Interfaces

Connectors	200 pin SO-DIMM SPI, UART, USB host, USB OTG/ client, I²C, PWM lines, 1-wire, MMC lines, A/D lines, camera, audio in/out/mic, S-Video, Display, CAN bus, LAN

Graphic Capabilities

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

Power

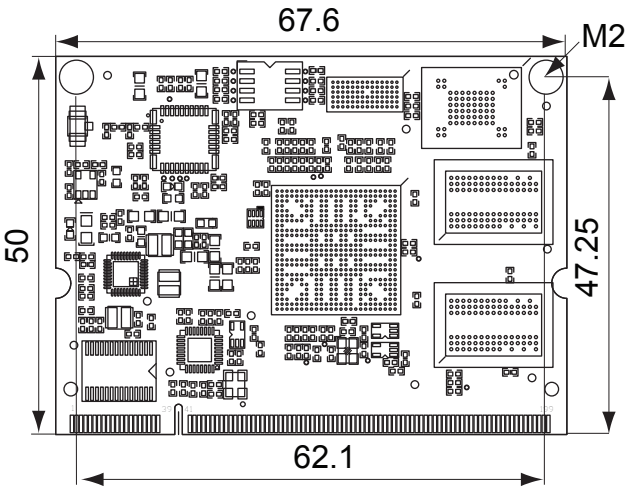
Power consumption	<2.0 Watt with Wireless enabled
Standby	<50 mWatt
Input power	5V

Environmental and Mechanical

Temperature	Commercial: 0° to 70° C Extended: -20° to 70° C (no wifi) Industrial: -40° to 85° C (no wifi)
Humidity	10-90%
Dimensions	67.6 x50 x3.4 mm (2⅝ x2 x¼ inch)
Weight	12 grams
Shock	50G / 25ms
Vibration	20G / 0-600 Hz

Dimensions

units in mm



Order Information

TAM-3517	AM3517 system on module
TAM-3517-i	AM3517 system on module with industrial temperature specifications (MOQ's apply)
TAM-3517W	AM3517 system on module with Wireless LAN 802.11 b/g

Development kits available

TechNexion

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

2012-01. All specifications are subject to change without notice.