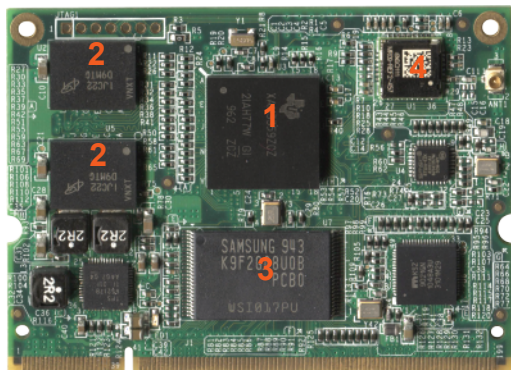


TAM-335x

System on Module



TI Sitara AM335x-series application processor based on ARM Cortex-A8 CPU and POWERVR SGX 530 for 2D and 3D graphic acceleration.

200 pin SO-DIMM connector carrying 2x CAN bus, Gigabit LAN, USB, 3x UART, SPI, I²C, LCD, making the TAM-335x ideal for industrial usage.



System

CPU	TI Sitara AM3358 @ 720MHz (1)
Memory	256 MB DDR2 (2)
Storage	512 MB NAND Flash (3)
Wireless LAN	Broadcom 802.11b/g/n/bluetooth (4)
Network	Gigabit LAN (or optional 10/100)
CAN Bus	2x High End CAN-Bus Controller version 2.0B compliant
Supported OS	Linux, WinEC 7, Android
Debug interface	JTAG interface

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, audio in/out/mic, Display, CAN bus, LAN
------------	---

Graphic Capabilities

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

Power

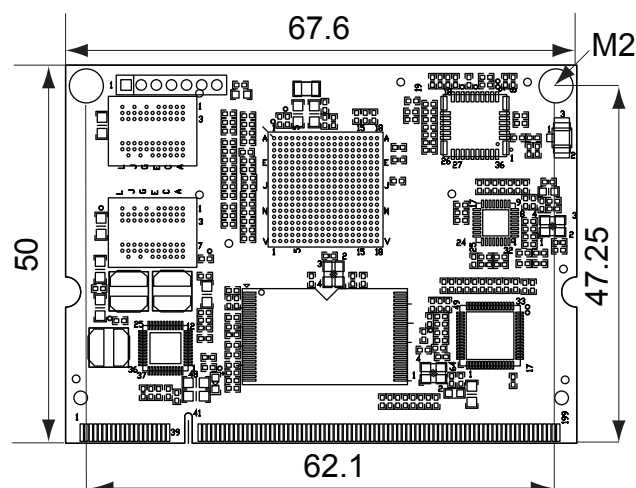
Power consumption	<1.5 Watt with Wireless enabled
Standby	<50 mWatt
Input power	5V

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 x 50 x 3.4 mm (2 5/8 x 2 x 1/4 inch)
Weight	12 grams
Shock	50G / 25ms
Vibration	20G / 0-600 Hz

Dimensions

units in mm



Order Information

TAM-3358	AM3358 system on module
TAM-3358-i	AM3358 system on module with industrial temperature specifications (MOQ's apply)
TAM-3358W	AM3358 system on module with Wireless LAN 802.11 b/g/n and Bluetooth

Development kits available

TechNexion

