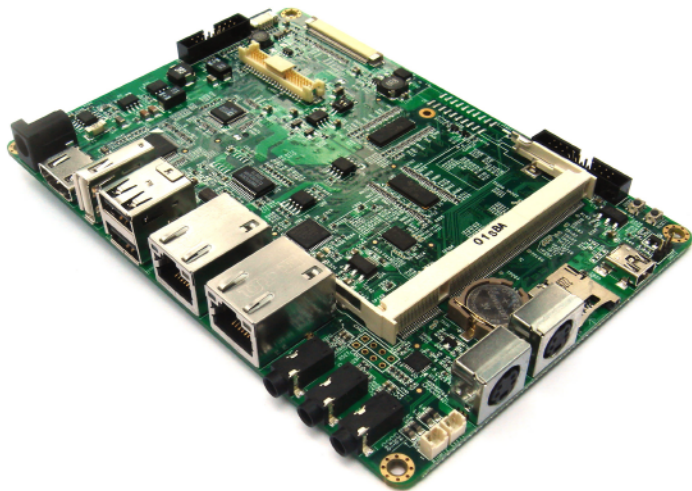


Twister

Interface Base Board for TAM-3517 Series



Key Features

Complete TAM-3517 multimedia development board compatible with any display through LVDS, TTL, HDMI/DVI, VGA, S-Video interfaces.

Expand storage options with USB, SATA and micro-SD card slot.

Record and play back audio and video easily over the S-video interfaces, audio jacks and speakers.

Dual LAN, CAN, RS-232, SPI, I²C to control remote or external devices.

Specifications

System

System on module

Compatible with TAM-3517 by a 200 pin SO-DIMM connector
Dual 10/100 Mbps by local bus
onboard RTC with backup battery

Network
RTC

Interfaces

Connectors

3 standard-USB hosts
1 mini-USB device/ OTG
Dual RJ-45 LAN connector
micro-SD card slot
SATA connector for 2.5" HDD
3.5 mm stereo audio in/out
3.5 mm microphone
2W amplified speaker
18 bit LVDS and touchpanel
TTL LCD & touchpanel for 4.3" LCD
TTL LCD & touchpanel for 7" LCD
S-video in, S-video out
DVI-D signal by HDMI connector
VGA by pinheader
CAN bus, JTAG
SPI, RS-232, UART, I²C, GPIO

Expansion header

Power

Power requirements 12VDC

Environmental and Mechanical

Temperature

Commercial: 0° to 70° C
Extended: -20° to 70° C
Industrial: -40° to 85° C

Humidity

10-90%

Dimensions

147 x 102 mm (5¾ x 4 inch)

MTBF

>100,000 hours

Weight

92 grams

Shock

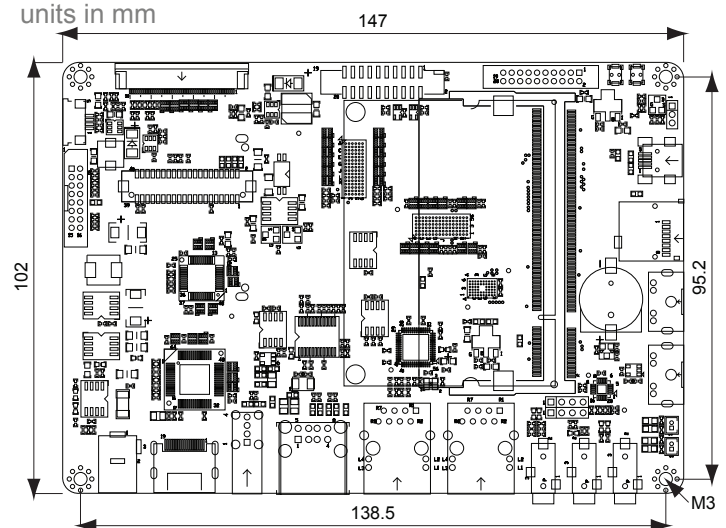
50G / 25ms

Vibration

20G / 0-600 Hz

Dimensions

units in mm



Order Information

Twister

Base board for TAM series

Twister pack

TAM-3517W & Twister & 4.3" LCD
60 Watt 12VDC Adaptor

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