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 Composite, S-video interfaces, audio jacks and speakers.

Dual LAN, CAN bus, RS-232, RS-422/485, SPI, I²C to control remote or external devices.

Specifications

System

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

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 RCA composite in, S-video out DVI-D signal by HDMI connector IR sensor
Expansion header	VGA by pinheader, CAN bus, JTAG SPI, RS-232, RS-422/485, UART, I²C, GPIO

Power

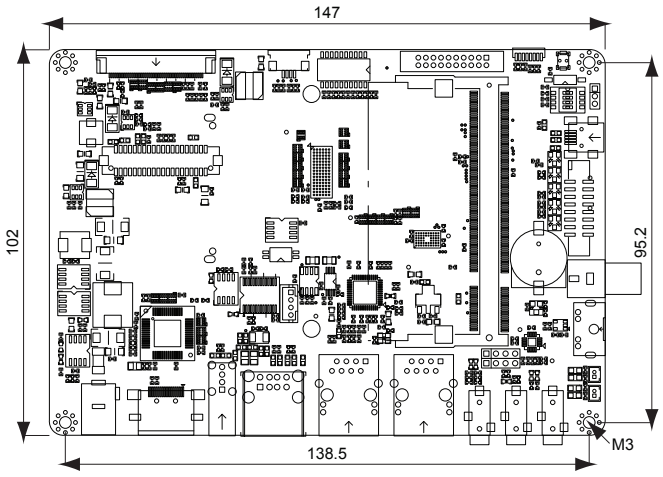
Power requirements	12VDC

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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All specifications are subject to change without notice