

Complete TAM-3517 industrial and automotive 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.

Dual LAN, CAN bus, RS-232, RS-422/485, SPI, I<sup>2</sup>C to control remote or external devices.

### System

System on module      Compatible with TAM-3517 by a 200 pin SO-DIMM connector (**B1**)  
RTC                      with backup coin battery (**13**)

### Interfaces

Connectors            3 standard-USB hosts (**26, 27**)  
                             1 mini-USB device/ OTG (**10**)  
                             LAN connector (**22**) (EMAC)  
                             LAN connector (**23**) (SMSC 9220)  
                             micro-SD card slot (**bottom**)  
                             SATA connector for 2.5" HDD (**bottom**)  
                             3.5 mm stereo audio in/out (**19, 20**)  
                             3.5 mm microphone (**18**)  
                             2W amplified speaker (**16, 17**)  
                             18 bit LVDS and touchpanel (**30**)  
                             TTL & touchpanel for 4.3" LCD  
                             TTL & touchpanel for 7" LCD (**1**)  
                             S-video out (**15**)  
Expansion header    DVI-D by HDMI connector (**28**)  
                             VGA by pinheader (**12**),  
                             CAN bus (**21**), SPI,  
                             RS-232 (**9**), RS-422/485 (**24**),  
                             UART, I<sup>2</sup>C, GPIO (**4**)

### Power

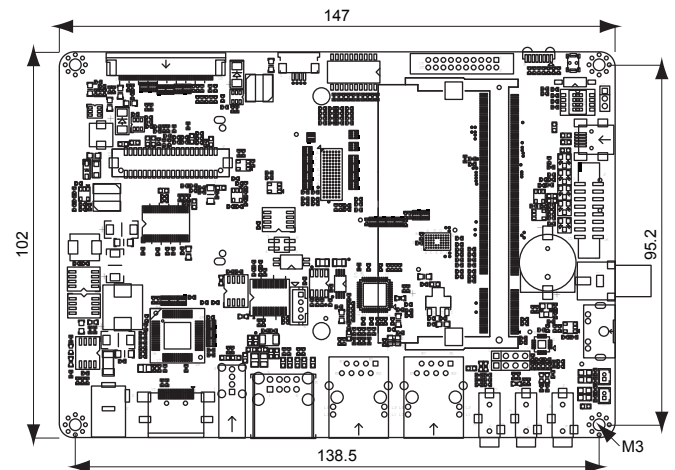
Input power            12 VDC

### Environmental and Mechanical

Temperature            Commercial: 0° to 50° C  
Humidity                10-90%  
Dimensions            147 x 102 mm (5¾ x 4 inch)  
Weight                  92 grams  
Shock                    50G / 25ms  
Vibration                20G / 0-600 Hz

### Dimensions

units in mm



### Order Information

Twister                      Base board for TAM-3517 series

Development kits available

# TechNexion

Phone: +886-2-8227-3585  
E-mail: [sales@technexion.com](mailto:sales@technexion.com)  
Web: <http://www.technexion.com>

