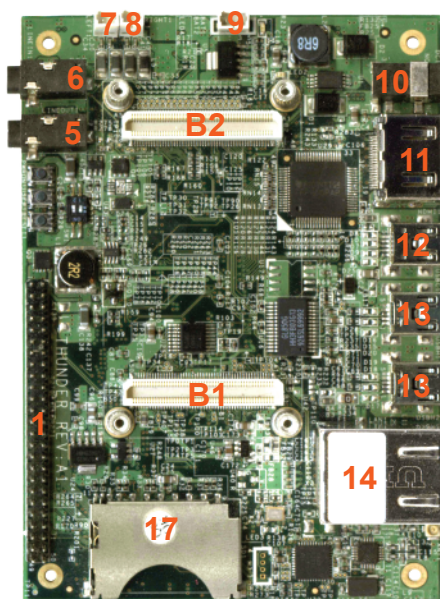# Thunder

Interface Base Board for TAO-3530 Series

Make TAO-3530 mobile by using the onboard battery interface.

Connect a 4.3" LCD Flatpanel display with touchscreen interface.

Create your own multimedia application by using the SD cardreader, audio, speakers and HDMI/DVI interface.

System

System on module	Compatible with TAO-3530 by two 100 pin NAIS connectors (**B1, B2**)

Interfaces

Connectors	2 mini-USB hosts (**13**)
	1 mini-USB device/ OTG (**12**)
	LAN connector (**14**) by SMSC 9500
	SD card slot (**17**)
	stereo audio in/out, 3.5 mm (**5, 6**)
	2W amplified speaker (**7, 8**)
	battery interface (**9**)
	TTL LCD & touchpanel for 4.3" LCD
	DVI-D signal by HDMI connector(**11**)
Expansion header	SPI, RS-232, UART, I^{2}C, GPIO (**1**)

Power

Input power	5VDC

Environmental and Mechanical

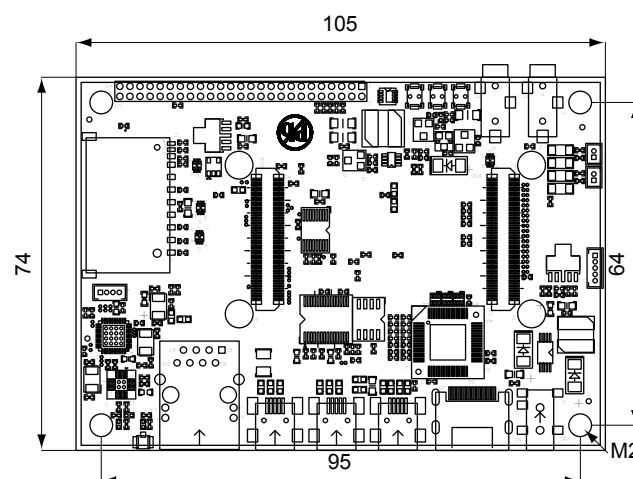|	
Temperature	Commercial: 0° to 50° C
Humidity	10-90%
Dimensions	105 x 74 mm
	4⅛ x 2⅞ inch
Weight	42 grams
Shock	50G / 25ms
Vibration	20G / 0-600 Hz

Dimensions
units in mm

Order Information

Thunder	Base board for TAO series

Development kits available

TechNexion