

## Overo EarthSTORM Technical Specifications



CPU	
<b>Processor</b>	Texas Instruments Sitara AM3703
<b>Architecture</b>	ARM Cortex-A8
<b>Base Clock Speed</b>	800 MHz
<b>Max Clock Speed</b>	1 GHz
<b>Cores</b>	Single Core
Memory	
<b>RAM</b>	512 MB LPDDR (PoP)
<b>Flash</b>	512 MB
Graphics	
<b>HD Graphics Acceleration</b>	
<b>Open GL ES</b>	
<b>Clock Speed</b>	
<b>Digital Signal Processor</b>	
Communications	
<b>Wireless Module</b>	
<b>WiFi</b>	
<b>Access Point Mode</b>	
<b>Bluetooth</b>	
<b>Antenna</b>	
Connectivity	
<b>Camera</b>	OMAP ISP
<b>Storage Expansion</b>	microSD Card Slot
Breakout: 2 x 70 Pin AVX	
<b>UART</b>	2
<b>McBSP</b>	
<b>SPI</b>	2
<b>I<sup>2</sup>C</b>	1
<b>MMC</b>	1
<b>HDMI</b>	
<b>LCD</b>	24-Wire
<b>Touchscreen</b>	Supported
<b>USB</b>	1 x Host / 1 x OTG
<b>GPIO</b>	3 to 6 Pins <sup>1</sup>
<b>PWM</b>	2
<b>ADC</b>	6 x 10-Bit
<b>Audio</b>	Stereo Out / Stereo Line In
<b>GPMC</b>	1 <sup>2</sup>

Power	
<b>Power Management</b>	Texas Instruments TPS65950
<b>Power Input</b>	3.3 - 4.2 V DC
Physical Specifications	
<b>Dimensions</b>	58mm L x 17mm W x 4.2mm H
<b>Weight</b>	5.6 g
<b>Operating Temperature</b>	0°C – 85°C
<b>RoHS Compliant</b>	Yes

1. Depending on expansion board and based on default muxings. Available GPIOs can be modified via kernel configuration.
2. GPMC availability depends on expansion board features.

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