



Overo EarthSTORM Technical Specifications



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

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