

General	
Access Point Mode	Yes
Communications	
Bluetooth	Bluetooth 4.1 + BLE
WiFi	802.11b/g/n
Inter-board connector	
Board-To-Board Connector	2 x 70-pin AVX connectors
Camera	
Camera Connector	27-Pin (OMAP ISP)
Mechanical	
Length	58 mm
Width	17 mm
Memory	
Flash Memory (NAND)	512
RAM	512 MB LPDDR (PoP)
Processor	
Performance	Up to 2,000 Dhrystone MIPS
Processor	Texas Instruments Sitara AM3703
Processor Architecture	ARM Cortex-A8
Processor Base Clock	1 GHz (Recommended @ 800MHz)
Processor Cores	Single Core
Processor Max Clock	1 GHz
Temperature	0C 70C
Misc	
Power	Powered via expansion board (Overo series or custom) connected to dual 70-pin connectors
Power	
Power Management	Texas Instruments TPS65950
Product series	
Product Family	Overo
Storage	
Storage Expansion	via microSD Card Slot



Overo® AirSTORM-Y COM Product datasheet

GUM3703AY

USD139.00

Based on the 800 MHz Texas Instruments AM3703 Sitara applications processor our mid-level Overo® AirSTORM-Y COM features access point mode, 802.11b/g/n WiFi and Bluetooth 4.1 with BLE using TI's WiLink 8 wireless module.

Mating connector

- 1 × U.FL Connector
- 1 × Hirose 27-Pin Camera Connector (Overo COMs)
- 2 × 70-Pin AVX Connector (Male Overo COMs)

What's included

- 1 × Overo AirSTORM-Y COM (board)
- 4 × Spacers (1.5mm 0-80 retaining 48/48)

Key component

- 1 × U.FL Antenna with Collar
- 1 × microSD Card Slot
- 1 × Texas Instruments TPS65950 Power Management
- 1 × Micron 512MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 × Texas Instruments AM3703 Applications Processor
- 1 × TI WiLink8 WL1831MOD

Product links

- [Technical specification](#)
- [Signals Documentation](#)
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