



Overo® FireSTORM-Y COM Product datasheet



GUM3703FY

USD165.00

Get the best of wireless communications and graphics processing with the Overo® FireSTORM-Y computer-on-module. With a DaVinci Digital Video Processor for graphics and featuring access point mode, 802.11b/g/n WiFi and Bluetooth 4.1 with BLE using TI's WiLink 8 wireless module, the Overo® FireSTORM-Y COM has all the features you need for your wireless graphics project.

All Overo COMs are now 256MB RAM and 512MB NAND.

Product Features

General	
Access Point Mode	Yes
Manufacturer	Texas Instruments
Communications	
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	256 MB LPDDR (PoP)
Processor	
Graphics Acceleration	OpenGL POWER SGX Graphics Accelerator
Digital Signal Processor	C64x Fixed Point DSP 660,800 Mhz (Max.)
Processor	Texas Instruments DaVinci DM3730
Processor Architecture	ARM Cortex-A8
Processor Base Clock	Up to 1 GHz (recommended @ 800MHz)
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

Mating connector

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

What's included

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

Key component

- 1 x U.FL Antenna with Collar
- 1 x microSD Card Slot
- 1 x Texas Instruments TPS65950 Power Management
- 1 x TI WiLink8 WL1831
- 1 x Micron 256MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 x Texas Instruments DM3730 Applications Processor

Product links

- [Technical Specifications](#)
- [Programming Reference](#)
- [Check Arrow Stock](#)
- [Geppetto@Workspace](#)

