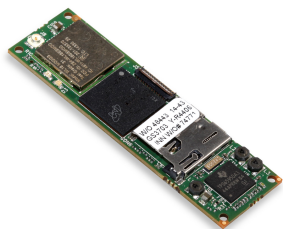




Overo® IronSTORM-Y COM Product datasheet



GUM3703FEY

USD185.00

Get the best of wireless communications, graphics processing and extended-temperature components with the Overo® IronSTORM-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® IronSTORM-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	High Performance Image, Video, Audio (IVA2.2™) Accelerator Subsystem
Performance	Up to 2,000 Dhrystone MIPS
Processor	Texas Instruments DaVinci DM3730 Applications Processor
Processor Architecture	ARM Cortex-A8
Processor Base Clock	1 GHz (Recommended @ 800 MHz)
Temperature	Built with components rated -40C <T <85C except: - microSD card slot: -25C <T <85C - Bluetooth/Wifi module: -20C <T <75C - POP memory: -25C <T <+85C Note: Any Overo COM may be ordered, in volume, with extended temperature components
Misc	

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 IronSTORY-Y COM

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](#)
- [Check Stock at Mouser](#)
- [Geppetto®Workspace](#)