

General	
Access Point Mode	Yes
Communications	
Bluetooth	4.1 + BLE
Memory	
Flash Memory (NAND)	512
Processor	
Graphics Acceleration	OpenGL POWER SGX™ Graphics Accelerator
Digital Signal Processor	High Performance Image, Video, Audio (IVA2.2™) Accelerator Subsystem
Performance Processor	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	<p>Built with components rated $-40C < T < 85C$ except:</p> <ul style="list-style-type: none"> - microSD card slot: $-25C < T < 85C$ - Bluetooth/Wifi module: $-20C < T < 75C$ - POP memory: $-25C < T < +85C$ <p>Note: Any Overo COM may be ordered, in volume, with extended temperature components</p>
Misc	
Power	Powered via expansion board (Overo series or custom) connected to dual 70-pin connectors
Power	
Power Management	Texas Instruments TPS65950



Overo® IronSTORM-Y COM Product datasheet

GUM3703FEY

USD179.00

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.

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

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

Key component

- 1 × U.FL Antenna with Collar
- 1 × microSD Card Slot
- 1 × Texas Instruments TPS65950 Power Management
- 1 × TI WiLink8 WL1831MOD
- 1 × Micron 512MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 × Texas Instruments DM3730 Applications Processor

Product links

- [Spec Sheet](#)
- [Signals Documentation](#)
- [Design your own in Geppetto®](#)

