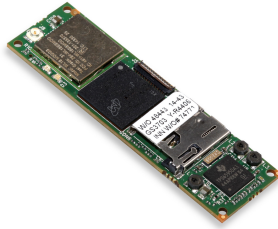# Overo® IronSTORM-BY COM
Product datasheet

GUM3703FEBY *USD178.00*

Get the best of wireless communications, graphics processing and extended-temperature components with the Overo® IronSTORM-BY 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-BY COM has all the features you need for your wireless graphics project.

All Overo COMs are now 256MB RAM and 512MB NAND. We are decreasing the price from $185.00 to $178.00. All of them are using the new Panasonic 70-pin connector.

More details about the New Connectors is available here.

Mating connector
1 × U.FL Connector
1 × Hirose 27-Pin Camera Connector (Overo COMs)

What's included
4 × Spacers (1.5mm 0-80 retaining 48/48)
1 × Overo IronSTORM-Y COM (board) with CON084B

Key component
1 × U.FL Antenna with Collar
1 × microSD Card Slot
1 × Texas Instruments TPS65950 Power Management
1 × TI WiLink8 WL1831
1 × Texas Instruments DM3730 Applications Processor

Product links

- 2017-10-25/overo/morty/MLO
- 2017-10-25/overo/morty/gumstix-console-image-overo.ubi
- 2017-10-25/overo/morty/README
- 2017-10-25/overo/morty/gumstix-xfce-image-overo.ubi
- 2017-10-25/overo/morty/u-boot.img
- 2017-10-25/overo/morty/gumstix-xfce-image-overo.tar.bz2
- Geppetto®Workspace

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	AXK870145WG

Camera	
Camera Connector	27-Pin (OMAP ISP)

Mechanical	
Length	58 mm
Width	17 mm

Memory	
Flash Memory (NAND)	512

Processor	
Graphics Acceleration	OpenGL POWER SGX^{TM} Graphics Accelerator
Digital Signal Processor	High Performance Image, Video, Audio (IVA2.2^{TM}) 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)

Power	
Power Management	Texas Instruments TPS65950

Storage	
Storage Expansion	via microSD Card Slot