

## Overo® IronSTORM-BY COM Product datasheet

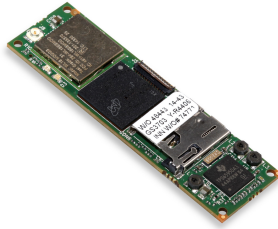
GUM3703FEBY

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.



### Product Features

| General                         |  |
|---------------------------------|--|
| <b>Access Point Mode</b>        | Yes  |
| <b>Manufacturer</b>             | Texas Instruments  |
| Communications                  |  |
| <b>Bluetooth</b>                | 4.1+BLE  |
| <b>WiFi</b>                     | 802.11b/g/n  |
| Inter-board connector           |  |
| <b>Board-To-Board Connector</b> | AXK870145WG  |
| Camera                          |  |
| <b>Camera Connector</b>         | 27-Pin (OMAP ISP)  |
| Mechanical                      |  |
| <b>Length</b>                   | 58 mm  |
| <b>Width</b>                    | 17 mm  |
| Memory                          |  |
| <b>Flash Memory (NAND)</b>      | 512  |
| Processor                       |  |
| <b>Graphics Acceleration</b>    | OpenGL POWER SGX™ Graphics Accelerator                               |
| <b>Digital Signal Processor</b> | High Performance Image, Video, Audio (IVA2.2™) Accelerator Subsystem |
| <b>Performance</b>              | Up to 2,000 Dhrystone MIPS   |
| <b>Processor</b>                | Texas Instruments DaVinci DM3730 Applications Processor              |
| <b>Processor Architecture</b>   | ARM Cortex-A8  |
| <b>Processor Base Clock</b>     | 1 GHz (Recommended @ 800 MHz)  |
| Power                           |  |
| <b>Power Management</b>         | Texas Instruments TPS65950   |
| Storage                         |  |
| <b>Storage Expansion</b>        | via microSD Card Slot  |

#### 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](https://2017-10-25/overo/morty/MLO)
- [2017-10-25/overo/morty/gumstix-console-image-overo.ubi](https://2017-10-25/overo/morty/gumstix-console-image-overo.ubi)
- [2017-10-25/overo/morty/README](https://2017-10-25/overo/morty/README)
- [2017-10-25/overo/morty/gumstix-xfce-image-overo.ubi](https://2017-10-25/overo/morty/gumstix-xfce-image-overo.ubi)
- [2017-10-25/overo/morty/u-boot.img](https://2017-10-25/overo/morty/u-boot.img)
- [2017-10-25/overo/morty/gumstix-xfce-image-overo.tar.bz2](https://2017-10-25/overo/morty/gumstix-xfce-image-overo.tar.bz2)
- [Geppetto®Workspace](https://Geppetto.com/Workspace)



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