



Overo® IronSTORM-P COM Product datasheet

GUM3703FEP

USD179.00

Demanding requirements? No problem. The Overo® IronSTORM-P COM, based on the DM3730 DaVinci Digital Video Processor, features a Wi2Wi W2CBW003C module for 802.11b/g/n WiFi and Bluetooth. With extended temperature components for the most robust power on any Gumstix Overo® COM. Latest version requires only one antenna.

The current lead time for this product is 20 weeks due to extended lead time on the wireless module. To order, please contact sales@gumstix.com.

For faster lead times, consider the Overo® IronSTORM-Y COM.

Communications	
Bluetooth	Included
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	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	
Power	Powered via expansion board (Overo series or custom) connected to dual 70-pin connectors
Power	
Power Management	Texas Instruments TPS65950

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

- 1 × Overo IronSTORM-P (board)
- 4 × Spacers (1.5mm 0-80 retaining 48/48)

Key component

- 1 × U.FL Antenna with Collar
- 1 × microSD Card Slot
- 1 × Texas Instruments TPS65950 Power Management
- 1 × W2CBW0015 Wifi+Bluetooth Module
- 1 × Micron 512MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 × Texas Instruments DM3730 Applications Processor

Product links

- [Technical Specifications](#)
- [Signals Documentation](#)
- [Geppetto®Workspace](#)

