



Overo® WaterSTORM COM Product datasheet

GUM3703W

USD145.00

Our mid-level Overo® STORM computer-on-module geared towards graphics applications without the need for WiFi, the Overo® WaterSTORM COM offers powerful graphics processing with the DaVinci Digital Video Processor.

All Overo COMs are now 256MB RAM and 512MB NAND.



Ships with:
4 x retaining spacers
Power supply not included

Product Features

Inter-board connector	
Board-To-Board Connector	2 x 70-pin AVX connectors
Camera	
Camera Connector	27-Pin (OMAP ISP)
Memory	
Flash Memory (NAND)	1 GB
RAM	256 MB LPDDR (PoP)
Processor	
Graphics Acceleration	OpenGL POWER SGX Graphics Accelerator
Digital Signal Processor	C64x Fixed Point DSP 660,800 Mhz (Max.)
Processor	Texas Instruments DaVinci DM3730
Processor Architecture	ARM Cortex-A8
Processor Base Clock	Up to 1 GHz (recommended @ 800MHz)
Processor Max Clock	1 GHz
Temperature	Built with components rated 0C <T <85C
Mechanical	
Layout	For OEM design, refer to the layout version shown here.
Weight	GS3703W @ 4.3g GUM3703W @ 15.1g (incl. shipping case)
Misc	
Power	Powered via expansion board (Overo series or custom) connected to dual 70-pin connectors
Power	
Power Management	Texas Instruments TPS65950
Storage	
Storage Expansion	via microSD Card Slot

Mating 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 WaterSTORM COM (board)

Key component

- 1 x Texas Instruments TPS65950 Power Management
- 1 x Texas Instruments DM3730 Applications Processor
- 1 x microSD Card Slot
- 1 x Micron 256MB DDR LPDRAM & 512MB NAND Flash Memory

Product links

- [Technical Specifications](#)
- [Programming Reference](#)
- [Check Arrow Stock](#)
- [Geppetto@Workspace](#)

