



Overo® Water COM Product datasheet

GUM3503W

USD169.00

Get powerful graphics processing with OpenGL and DSP on the Overo® Water computer-on-module. Our mid-level COM geared towards graphics applications without the need for WiFi.

WE RECOMMEND CONSIDERING THE DM3730-BASED OVERO® WATERSTORM COM; The Overo® Water COM is intended only for users who specifically require the Texas Instruments OMAP3530 applications processor in their design.

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)	512
Processor	
Graphics Acceleration	OpenGL POWER SGX™ for 2D and 3D graphics acceleration
Digital Signal Processor	C64x+ digital signal processor (DSP) core
Performance	Up to 1,400 Dhrystone MIPS
Processor	Texas Instruments OMAP3530 Applications Processor
Processor Architecture	ARM Cortex-A8
Processor Base Clock	720 MHz
Temperature	Built with components rated 0C <T <85C
Mechanical	
Layout	For OEM design, use layout version R2606 or later, shown here.
Weight	GS3503W @ 4.3g GUM3503W @ 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 Water COM (board)

Key component

- 1 x microSD Card Slot
- 1 x Texas Instruments TPS65950 Power Management
- 1 x Micron 256MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 x Texas Instruments OMAP3530 Applications Processor
- 1 x microSD Card Slot

Product links

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

