

Overo® Earth COM Product datasheet

GUM3503E

USD149.00

Our entry-level Overo® computer-on-module with 256MB of RAM and 512MB of onboard NAND flash memory, the versatile Overo® Earth COM is perfect for designs without the need for wireless communications.

WE RECOMMEND CONSIDERING THE AM3730-BASED OVERO® EARTHSTORM COM; The Overo® Earth is intended only for users who specifically require the Texas Instruments OMAP3503 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
RAM	256 MB LPDDR (PoP)
Processor	
Performance	Up to 1,200 Dhrystone MIPS
Processor	Texas Instruments OMAP3503 Applications Processor
Processor Architecture	ARM Cortex-A8
Processor Base Clock	600 MHz
Processor Max Clock	720 MHz
Temperature	Built with components rated 0C <T <85C
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
Mechanical	
Weight	GS3503E @ 4.3g GUM3503E @ 15.1g (incl. shipping case)

Mating connector

- 1 × Hirose 27-Pin Camera Connector (Overo COMs)
- 2 × 70-Pin AVX Connector (Male Overo COMs)

What's included

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

Key component

- 1 × microSD Card Slot
- 1 × Texas Instruments TPS65950 Power Management
- 1 × Micron 256MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 × Texas Instruments OMAP3503 Applications Processor
- 1 × microSD Card Slot

Product links

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

