



Ships with:
4 x retaining spacers
Power supply not included

Overo® Earth COM Product datasheet

GUM3503E

USD149.00

Our entry-level Overo® computer-on-module with 512 MB of RAM and 512 MB 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® Earth-STORM COM; The Overo® Earth is intended only for users who specifically require the Texas Instruments OMAP3503 applications processor in their design.

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 512MB DDR LPDRAM & 512MB NAND Flash Memory
- 1 × Texas Instruments OMAP3503 Applications Processor

Product links

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

Memory	
Flash Memory (NAND)	512
Mechanical	
Layout	For OEM design, use layout version R2606 or later, shown here.
Weight	GS3503E @ 4.3g GUM3503E @ 15.1g (incl. shipping case)
Processor	
Performance	Up to 1,200 Dhrystone MIPS
Processor	Texas Instruments OMAP3503 Applications Processor
Processor Architecture	ARM Cortex-A8
Processor Base Clock	600 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

