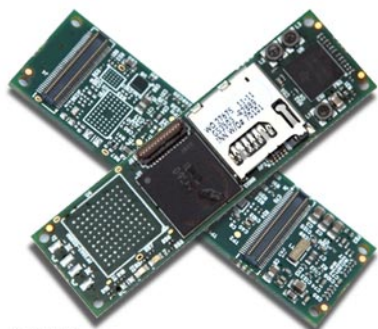




Overo® EarthSTORM COM Product datasheet

GUM3703E

USD115.00



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)
Mechanical	
Height	4.2 mm
Length	58 mm
Width	17 mm
Layout	For OEM design, refer to the layout version shown here.
Weight	GS3703E @ 4.3g GUM3703E @ 15.1g (incl. shipping case)
Memory	
Flash Memory (NAND)	512
RAM	256 MB LPDDR (PoP)
Processor	
Performance	Up to 2,000 Dhrystone MIPS
Processor	Texas Instruments Sitara AM3703
Processor Architecture	ARM Cortex-A8
Processor Base Clock	1 GHz (Recommended @ 800MHz)
Processor Cores	Single Core
Processor Max Clock	1 GHz
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
Product series	
Product Family	Overo
Storage	
Storage Expansion	via microSD Card Slot

Our entry-level Overo® STORM computer-on-module with 256 MB of RAM and 512 MB of onboard NAND flash memory. The versatile Overo® EarthSTORM COM is perfect for designs without wireless communications requirements. Based on the 800 MHz Texas Instruments AM3703 Sitara applications processor, we recommend Overo® STORM series computers-on-module for most users.

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

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 EarthSTORM 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 AM3703 Applications Processor
- 1 × microSD Card Slot

Product links

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