



DuoVero™ Crystal COM Product datasheet

GUM4430C*USD169.00*

Double up on processing cores while keeping the same tiny footprint. The DuoVero Crystal offers a dual-core ARM Cortex-A9 processor and twice the RAM of its predecessors, alongside SGX540 graphics for stunning 1080p HD video output and SLR-like image processing up to 20 megapixels.

Mating connector

2 × 70-Pin DF40 Connectors (Male DuoVero COMs)

What's included

- 5 × Spacers (1.5mm 0-80 retaining 48/48)
- 1 × DuoVero Crystal COM (board)
- 1 × DuoVero Yocto System Card (8GB)

Key component

- 1 × Heat Sink
- 1 × microSD Card Slot
- 1 × Texas Instruments TWL6040 Audio Codec
- 1 × Texas Instruments OMAP 4430 Processor

Product links

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

Memory	
Flash Memory (NAND)	0 MB
RAM	1 GB
Processor	
Graphics Acceleration	integrated POWERVR™ SGX540 graphics core
Performance	Up to 2,500 Dhrystone MIPS
Processor	Dual-core Texas Instruments OMAP4430 Digital Video Processor
Processor Architecture	ARM Cortex-A9
Processor Base Clock	1 GHz
Temperature	Built with components rated 0C <T <85C
Mechanical	
Layout	For OEM design, refer to pubs.gumstix.com
Weight	GS4430C @ 5.6g (excludes heat-sink) GUM4430C @ 42.6g (incl. shipping case and heat-sink)
Misc	
Power	Powered via expansion board (DuoVero series or custom) connected to dual 70-pin connector.
Power	
Power Management	SmartReflex™ 2 technology



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