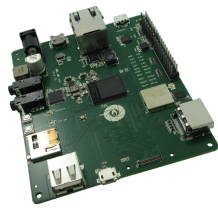


Cobalt MC Product datasheet



Product Features

General	
Access Point Mode	Yes
Audio	
Audio	Stereo Audio Codec
Communications	
Bluetooth	4.1+BLE
Ethernet	10/100/1000 Base-T
WiFi	802.11b/g/n
Camera	
Camera Connector	MIPI CSI-2 Camera Connector
Robotics	
Controller Area Network (CAN)	For use in applications employing the CAN serial communication physical layer in accordance with the ISO 11898 standard.
Display	
DVI-D	HDMI Type-A connector
Processor	
Graphics Acceleration	Vivante GC2000
Processor	NXP i.MX6
Processor Architecture	ARM Cortex-A9
Processor Base Clock	1.0 GHz
Processor Cores	4
Storage	
MMC/SD slot	microSD card slot
Memory	
RAM	1 GB
Power	
RTC Battery Holder	Holder for 6mm rechargeable coin cell RTC battery
Usb	
USB Device	Micro B USB Plug
USB OTG	USB Micro-AB Connector

PKG900000000564

USD300.00

COBALT MC (MEDIA CENTER)

This feature rich single board computer shows off some of the best features of the NXP SCM-i.MX6Q (Single Chip Module). The SCM reduces your SoC's footprint by incorporating the power regulator and a large number of passives (resistors, capacitors, etc) into the package. A Package-on-Package (PoP) DDR2 RAM module sits directly on top of the SCM, adding 1 GB of zero-footprint RAM. Evaluate the exceptional multimedia features of the iMX6 SCM with the CSI2 camera connector, native HDMI, and audio, and connect with Gigabit Ethernet, 802.11b/g/n WiFi and Bluetooth.

DESIGNED BY GUMSTIX IN GEPETTO

Other connector

- 1 × Molex HDMI SMT Connector
- 2 × 3.5mm Stereo Audio Jacks

Mating connector

- 1 × U.FL Connector

What's included

- 1 × NXP SCM Dev Board

Key component

- 1 × USB Micro AB Connector
- 1 × RJ45 Jack with Gigabit Magnetics
- 1 × Micro B USB Plug
- 1 × microSD Card Slot With Isolated CD Pins
- 1 × 2.0 mm 20V DC Power Jack
- 1 × Intel Joule CSI Camera (JCAM) Connector
- 1 × USB Standard A Jack
- 1 × Texas Instruments SN65HVD232 CAN Transceiver
- 1 × FTDI FT232RQ USB UART Interface
- 1 × Stereo Audio Codec
- 1 × TI WiLink8 WL1831MOD
- 1 × SCM IMX6 Quad Core

Product links

- [Customize in Geppetto](#)
- [Technical Specifications](#)
- [Geppetto®Workspace](#)

