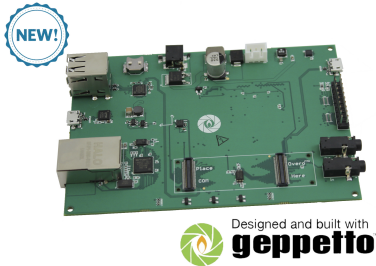


Arbor 50C Product datasheet

PKG300298

USD149.00

Arbor 50C



Product Features

Inter-board connector	
Board-To-Board Connector	2 x 70-pin AVX connectors
Communications	
Ethernet	10/100 Base-T
USB Console Port	FTDI USB-UART
Display	
LCD	LCD Capable
LCD Size	5.0 inch
LCD Touchscreen	Capacitive Touch Ready
General	
LCD Manufacturer	Compatible with Newhaven Displays
Product series	
Product Family	Overo
Power	
RTC Battery Holder	Holder for 6mm rechargeable coin cell RTC battery

Multi-touch ready with the Newhaven capacitive 5.0" touchscreen (screen sold separately), Arbor 50C features 10/100 Base-T Ethernet, USB Host, USB On-the-Go, audio stereo-out and line-in. Use it with any Overo-series COM (COM sold separately)..

The connector for Newhaven Capacitive Multi-Touch Screens used on this board is ideal for providing a user interface for handheld devices needing multi-touch graphical input with audio for industrial, medical, and automation systems.

REQUIRES either a 5V/3.5A power supply available from Gumstix or an external battery (not included). Must be between 5.5V - 36V and fit a 2 cell JST XH balance connector.

Power supply from Gumstix is available here: PWR008. Example battery is available here.

Other connector

- 2 × 3.5mm Stereo Audio Jacks
- 1 × Halo Electronics Low-Profile RJ-45 Connector

Mating connector

- 1 × 70-Pin AVX Connectors (Female Overo Expansion)
- 1 × Hirose 40Pos FPC/FFC Connector

What's included

- 1 × Arbor50C

Key component

- 1 × Microchip (SMSC) LAN9221 Ethernet Controller
- 1 × FTDI FT232RQ USB UART Interface
- 1 × Connector (Power Jack Medium)
- 1 × Connector (Battery 6mm)

Product links

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

