

Pepper 43C Handheld Development Kit (4.3")

Product datasheet



Product Features

General	
Access Point Mode	Yes
LCD Manufacturer	Compatible with Newhaven Displays
Communications	
Bluetooth	4.1 + BLE
Ethernet	10/100/1000 Base-T
USB Console Port	FTDI USB-UART
WiFi	802.11b/g/n
Misc	
Compatibility	Geppetto-built SBCs and expansion boards only
Display	
LCD	LCD Capable
LCD Size	4.3 inch
LCD Touchscreen	Capacitive multi-touch screen
Storage	
Storage Expansion	via microSD Card Slot

KIT30003

USD299.00

Pepper 43C Handheld Development Kit (4.3")

This Gumstix 4.3-inch Handheld Development Kit has all the hardware you need to get started with your own handheld application. It features a 4.3-INCH LCD CAPACITIVE MULTI-TOUCH SCREEN, AUDIO IN/OUT, PUSH-BUTTONS AND MORE. At the heart of the system is a WiFi/Bluetooth-enabled Pepper 43C SBC running Yocto Project Linux or Android, providing handheld developers with the world's most popular mobile operating system.

Features:

- Pepper 43C single board computer (SBC).
- TI WiLink 8 combo-connectivity module (Wi-Fi 802.11 b/g/n and Bluetooth 4.1 + BLE)
- Newhaven 4.3" Capacitive Multi-Touch LCD touchscreen.

This kit includes:

- Pepper 43C SBC
- 4.3-inch Newhaven LCD capacitive multi-touch screen
- Yocto system image microSD card
- U.FL antenna
- Standard-A to micro-B USB cable
- Ethernet cable
- 5V, 3.5A US wall adapter

OPTIONAL: For users preferring not to use a wall adapter, this kit works with an external battery (not included). The battery must be between 5.5V - 36V and its cable should fit into a 2-cell JST XH balance connector. Examples here.

Other connector

2 × 3.5mm Stereo Audio Jacks

Mating connector

- 1 × U.FL Connector
- 1 × Hirose 40Pos FPC/FFC Connector

What's included

- 1 × ethernet cable 6 ft
- 1 × USB Cable (micro-B to standard-A)
- 1 × Newhaven 4.3-inch LCD with capacitive multi-touch
- 1 × Pepper 43C package
- 1 × Android microSD for Pepper 43C
- 1 × Lexar 8GB Class10
- 1 × Pepper System Card (Yocto 8GB)

Key component

- 1 × U.FL Antenna with Collar
- 1 × JST-XH Top 3Pos 2.5mm
- 1 × microSD Card Slot
- 2 × 8 Channel Bidirectional Level Shifter
- 1 × Texas Instruments TPS62111 Step-Down Converter
- 1 × PMIC for AM335x DDR3L
- 1 × FTDI FT232RQ USB UART Interface
- 1 × TI WiLink8 WL1831MOD
- 1 × DDR3L 512MB 16bit
- 1 × Sitara Processor 800MHz
- 1 × Stereo Audio Codec

Product links





- [Customize in Geppetto](#)
- [Disk Image](#)
- [Android Image](#)
- [Geppetto®Workspace](#)

