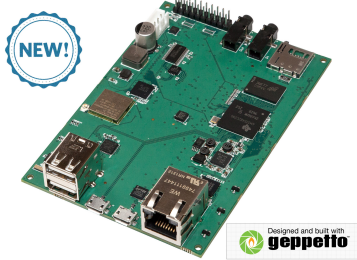


Pepper 43C

Product datasheet



Product Features

General	
Access Point Mode	Yes
LCD Manufacturer	Compatible with displays from Newhaven Display International
Communications	
Bluetooth	4.1 + BLE
Ethernet	10/100/1000 Base-T
USB Console Port	FTDI USB-UART
WiFi	802.11b/g/n
Display	
LCD	LCD Capable
LCD Size	4.3 inch
LCD Touchscreen	Capacitive multi-touch screen
Power	
RTC Battery Holder	Holder for 6mm rechargeable coin cell RTC battery
Storage	
Storage Expansion	Via microSD Card Slot

PKG300100

USD169.00

Pepper 43C

Now supporting Android, the Pepper 43C is a powerful, single board computer (SBC) for developers interested in a Cortex A8 ARM processor. Featuring standard Gumstix hardware features such as 512 MB DDR3, 802.11 b/g/n with AP mode, Bluetooth 4.1 + BLE, a microSD card slot, audio connectivity, a console port and two USB On-The-Go ports. The Pepper 43R also supports:

- The Newhaven 4.3" capacitive multi-touch LCD touchscreen (sold separately)...
- Expansion headers to accommodate applications such as I2C, SPI, and UARTs
- GPIO-controlled push buttons and LEDs
- Support for Yocto Project build system and Android Jellybean

The 4.3 flip-side connector for Newhaven Capacitive Multi-Touch Screen module used in this board is ideal for providing a user interface for all types of products. They are usually used in devices like personal DVD players and handheld devices but are well suited for industrial applications as well.

IMPORTANT: This board requires external battery (not included). Must be between 5.5V - 36V and fit a 2 cell JST XH balance connector. Examples here.

Other connector

2 × 3.5mm Stereo Audio Jacks

Mating connector

1 × U.FL Connector

What's included

1 × Pepper 43C

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

Product links

- [Customize in Geppetto](#)
- [Android Disk Image](#)
- [Disk Image](#)
- [2015-09-18/pepper/dev/MLO](#)
- [2015-09-18/pepper/dev/u-boot.img](#)
- [2015-09-18/pepper/dev/modules-pepper.tgz](#)
- [2015-09-18/pepper/dev/zImage](#)
- [2015-09-18/pepper/dev/README](#)
- [2015-09-18/pepper/dev/gumstix-xfce-image-pepper.tar.bz2](#)
- [Pepper-43R-DTB-1.8](#)





- [Pepper-43C-DTB-1.8](#)
- [uEnv-geppetto.txt](#)
- [dt/lvkcLNWG.dtb](#)
- [Geppetto@Workspace](#)

