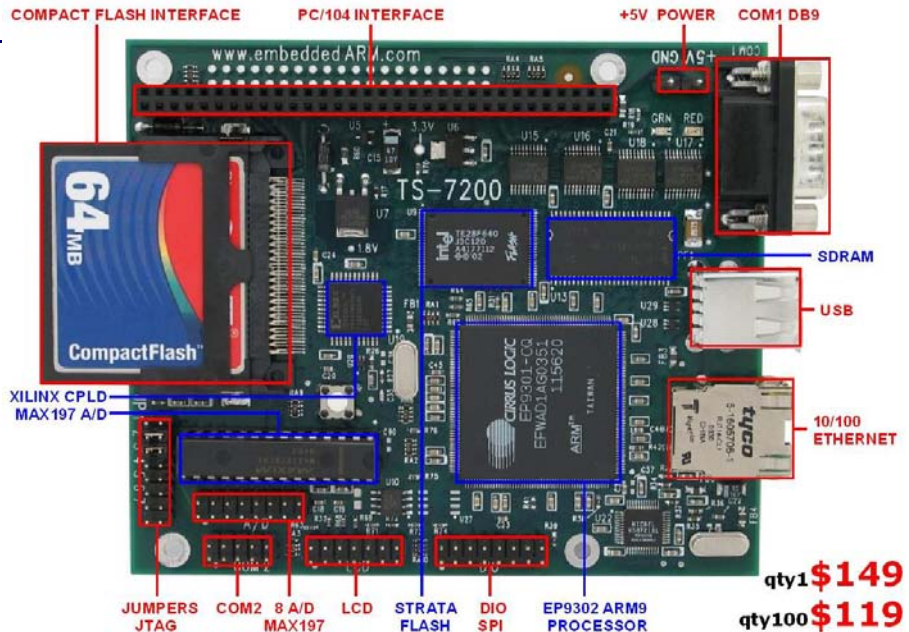


OVERVIEW

The TS-7200 is a compact full-featured Single Board Computer (SBC) based upon the Cirrus EP9302 ARM9 CPU, which provides a standard set of on-board peripherals. The EP9302 features an advanced ARM920T 200 MHz processor design with MMU that allows support for high-level Embedded Operating Systems such as Linux, Windows CE, and other.

This board includes a compact flash interface which allows booting from large flash drives to the Debian distribution, improving the Linux development capabilities. It also can fast boot from the on-board Strata Flash memory using a compact TS-Linux distribution.



FEATURES

- TS-Linux Embedded Operating System Installed
- 200Mhz ARM9 CPU with MMU
- 8 MB Strata Flash drive (16 MB optional)
- 32 MB SDRAM (64 MB optional)
- True IDE Compact Flash socket (for additional Flash Memory)
- 2 USB 2.0 Compatible OHCI ports (12 Mbit/s Max)
- 2 serial ports (up to 230 Kbaud)
- 10/100 Ethernet port
- 20 total DIO pins
- Watchdog timer
- PC/104 expansion bus
- SPI bus interface
- Matrix Keypad and Alphanumeric LCD interfaces
- Fanless -40° to +70° C, +85° C w/ CPU@166Mhz
- Single +5VDC power supply @ 450 mA
- Small size – 3.8 x 4.5 inches (9.7 x 11.5 cm)
- Optional 8-channel 12-bit A/D converter
- Optional temperature sensor
- Optional RS-485 support on COM2
- Optional Battery Backed Real Time Clock (RTC)
- Optional Linux Supported USB 802.11g WIFI
- TS-ARM Development Kit Available
- Visit [TS-7200 webpage](http://www.embeddedARM.com) for further information

LINUX FOR ARM

TS-7200 SBC includes TS-Linux embedded OS for ARM installed by default in Flash memory. Debian Linux can also be used with larger Flash drives. Both are full featured real-time capable Linux systems.



DEVELOPMENT KIT



The TS-ARM Development Kit includes the Debian Linux on a 256 MB Flash drive, all the documentation, a CD with Linux Kernel and application source codes, a power supply, and various cables and connectors.

PC/104 PERIPHERALS

Technologic Systems offers a wide range of peripherals via the PC/104 Bus to extend the functionality of the TS-7200 SBC. Features include Video, CAN bus, serial and ethernet ports, DIO, etc.



We have been in business over 20 years!

We've built our business on excellent products, low prices and exceptional support. We sell a wide variety of off-the-shelf PC/104 SBC's and peripherals, and offer custom configurations and designs with excellent pricing and turn around time.

Technologic Systems has never discontinued a product. You can count on long term availability when you include our SBC's and peripherals in your design.