We've never discontinued a product in 30 years

↗ 8+ year product life cycle guarantee

↗ Design expertise that overcomes EOL challenges

↗ Supply-chain practices mitigate EOL risks

↗ Planned upgrades reduce risk for customers

Support every step of the way with open source vision

↗ Our engineers answer your technical calls and emails

↗ Source code, schematics, and full manuals provided

↗ Fair pricing for all products and dev kits even at qty 1

↗ Fast custom designs for quantities as low as 50 units

Embedded systems that are built to endure

↗ Low power designs that require no fans or heat sinks

↗ Reliable industrial designs with all soldered on parts

↗ Positive endurance results in several HALT-like tests

↗ -40C to +85C temp range available for most products

Unique solutions that add value for our customers

↗ We are experts in Linux, Debian, Android, QNX, etc.

↗ Sub-second Linux Fastboot with tailored Bootroms

↗ DoubleStore technology for extra reliable storage

↗ User-programmable FPGA with Video, SD, CAN, XDIO

Technologic Systems

TECHNOLOGIC SYSTEMS INC.
16525 East Laser Drive
Fountain Hills, AZ 85268
TEL (480) 837-5200
FAX (480) 837-5300
support@embeddedARM.com

www.embeddedARM.com
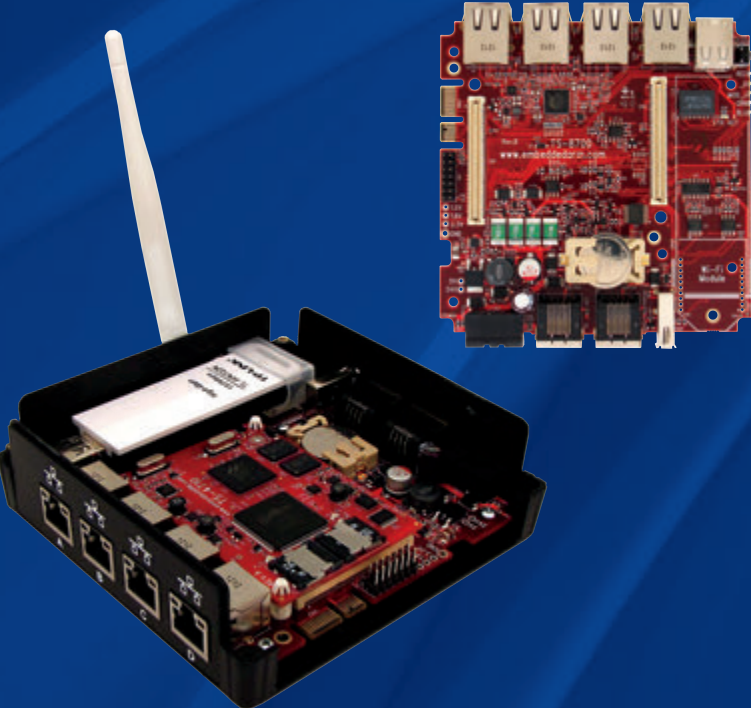
SUPERIOR EMBEDDED SOLUTIONS

Technologic Systems

www.embeddedARM.com

PRODUCTS

One-stop shop for Embedded Systems!

- ↗ Single Board Computers
- ↗ Computer-on-Modules
- ↗ Touch Panel Computers
- ↗ Industrial Controllers
- ↗ PC/104 Peripherals
- ↗ Enclosures
- ↗ Carrier Boards
- ↗ Third-Party Accessories

APPLICATIONS

- ↗ Traffic Control
- ↗ Industrial Automation
- ↗ Gaming
- ↗ Military
- ↗ Energy
- ↗ POS & Kiosks
- ↗ Digital Signage
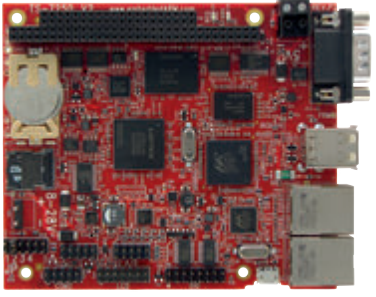- ↗ Medical
- ↗ Telecom
- ↗ Aerospace

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Single Board Computers

Our embedded computers are rugged, low power and reasonably priced. They are fanless designs with temperature range of -20°C to +70°C, industrial grade -40°C to +85°C also available. Our boards use conventional development tools, reducing risk and giving you a competitive edge in fast-moving markets, and are backed by the best life cycle guarantee in the industry.

TS-7250-V2
- ↗ 1GHz ARM w/ 512MB RAM
- ↗ 4GB DoubleStore eMMC, 2x SD
- ↗ 2x Eth, 1x CAN, 17KLut FPGA

TS-7400-V2
- ↗ 450MHz ARM w/ 256MB RAM
- ↗ 2GB NAND Flash, 2x SD
- ↗ Low power, 10+ years lifecycle

Computer-on-Modules

Our embedded Computer-on-Modules are interchangeable CPU core modules that securely connect to a carrier board and integrate most standard functions. Our modules are fanless, low power designs with all parts soldered on. Use one of our many standard carrier boards or design your own. Start your embedded system around our Computer-on-Modules to reduce project risk and accelerate time to market.

TS-4720
- ↗ 1GHz PXA168 w/ 512MB RAM
- ↗ 4GB DoubleStore eMMC, 1x SD
- ↗ GPU/VPU, 54x DIO, 2x Eth, 1x PCIe

TS-4900
- ↗ 1.2GHz i.MX6 w/ 2GB RAM & GPU
- ↗ 4GB eMMC, 1x SD, 1x SATA
- ↗ WiFi, Bluetooth and Gigabit Eth

Touch Panel Computers

The Touch Panels we design are low-cost industrial-grade computers with video and audio capabilities. They require no fans and can be powered by several low power CPU modules. Package includes open-frame mountable panel and enclosed box. Our Touch Panels feature Fastboot Linux and are suitable for a wide range of HMI applications with several GUI options available for development.
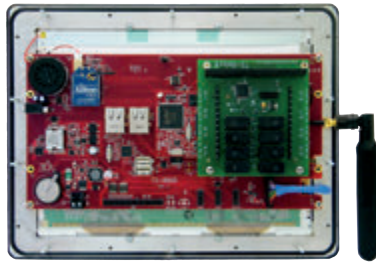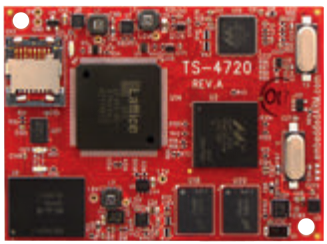
TS-TPC-8390-4900
- ↗ 7-inch Touch w/ Open Frame
- ↗ 1.2GHz CPU w/ 2GBRAM
- ↗ WiFi, Bluetooth, 4x USB

TS-TPC-8900-4700
- ↗ 10-inch Touch w/ Open Frame
- ↗ 800MHz CPU w/ 512MB RAM
- ↗ PC/104, 1x CAN, 2x USB, Wireless

Industrial Controllers

Our Industrial Controllers offer a variety of features in a range of performance and price points. With low power, high performance and ruggedness, our industrial solutions outperform PLCs while saving you money. Our Industrial Controllers feature a multitude of input and output control options along with software flexibility enabling easy development for nearly any control project.

TS-8820-4800
- ↗ 800MHZ ARM9 w/ 256MB RAM
- ↗ Rugged Enclosure w/ DIN Rail Mount
- ↗ ADC, DAC, PWM, Relays, Several IO

Modbus Peripherals
- ↗ TS-1400 w/ 6x 24VDC 30A Relays
- ↗ TS-1700 w/ 8x Temp Sensors
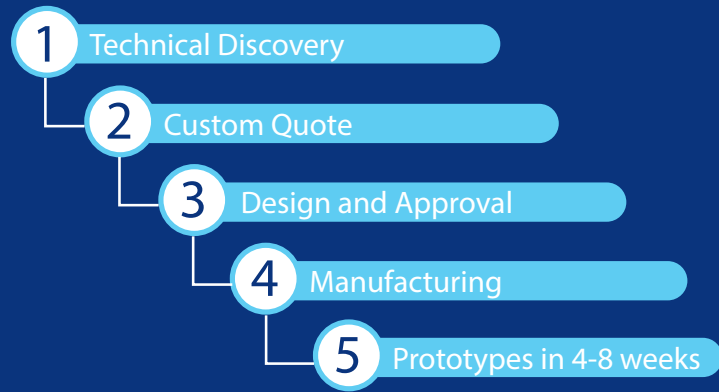- ↗ Industrial Grade, -40C to +85C

ABOUT

Technologic Systems has been in business for 30 years, helping more than 8000 OEM customers and building over 100 COTS products that have never been discontinued. Our commitment to excellent products, low prices and exceptional customer support has allowed our business to flourish in a very competitive marketplace. We offer a wide variety of single board computers, computer-on-modules, touch panel computers, peripherals and industrial controllers that satisfy most embedded project requirements. We also offer custom configurations and design services. We specialize in the ARM and X86 architectures, FPGA IP-core design, and open-source software support, providing advanced custom solutions using hardware-software co-design strategies.

QUICK FACTS

- ↗ 30 years in business
- ↗ Over 100 standard products designed
- ↗ Thousands of COTS configurations available
- ↗ Never discontinued a product
- ↗ Fully operated in the US
- ↗ Over 8000 OEM customers
- ↗ Customers spread over 50 countries worldwide
- ↗ No customer accounts for more than 5% of sales

CUSTOM DESIGNS

Technologic Systems' engineers are experienced in all aspects of embedded system design. We can modify existing products or design a completely custom solution. Because our engineers design only embedded systems, we can reduce the risk associated with your embedded project, decrease your time to market, and often complete projects at a lower cost than an in-house design.

1. Technical Discovery
2. Custom Quote
3. Design and Approval
4. Manufacturing
5. Prototypes in 4-8 weeks

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