

Medallion TPC#35B Touch Panel Computer

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The **TPC#35B** is a cost-effective computer with a **Color, TFT LCD and Touch panel** and **Dual Ethernet ports** targeting User Interface (UI) applications.

Features

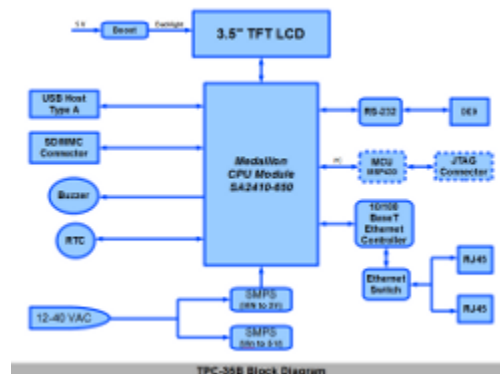
- qVGA (320x240) **3.5"**, **Color, TFT LCD Panel** in Landscape format, with 256,000 colors, adjustable **LED Backlight**, and **Touch panel**
- Powered by a standard **Medallion CPU Module** (an **SA2410-650** is included) for flexibility, the 32-bit **ARM9 processor** features **32 kB of cache**, **64 MB of SDRAM**, and **128 MB or more of NAND flash**, plus a separate **NOR flash** for reliable boot-loader and SW update options
- **Low-power**, passive cooling enables **fanless operation**
- **Low-power, Real-Time Clock (RTC)** with Battery Backup included
- **Hidden Memory Card Connector** for Secure Digital (SD) and MultiMediaCard (MMC) (for technician-upgradeable storage expansion)
- **Full-speed, USB Host port** (USB Type A connector) for **expansion** or data transfers
- **DUAL Fast Ethernet (10BaseT/100BaseTX)** interfaces with RJ45 connectors connected via internal Ethernet Switch
- Buzzer for Audio alerts
- **RS232 serial interface** on DE9 connector with standard PC pinout
- **Power options:** 10 - 30 VDC or 7 - 24 VAC
- To **reduce power consumption**, software can turn the **backlight intensity ON/OFF** and control the **brightness**
- Ships with the proven **Medallion Linux 2.6 plus drivers pre-installed!**

Product Image



[enlarge image](#)

Block Diagram



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Ordering Information

Dimensions:

- **Width:** 117.35 mm, 4.62"
- **Height:** 92.71 mm, 3.65"
- **Depth:** 31.75 mm, 1.25"

GUI options include:

- Linux **Framebuffer** (FB), operating in 16-bit, 65,536-color mode
- **X11 (Xorg using fbdev)** on FB for standard Linux/Unix graphics
- **FLTK** on X, for a full-featured, extensible, yet *Free* GUI
- **GTK+** on X, for full PC compatibility
- **QtEmbedded** on FB for a contemporary, appealing visual design and enhanced functionality
- We've even ported over obscure GUIs, such as **EZWGL**, for critical control environments where C++ is not allowed (such as food processing lines)

Model Name	Part Number	Price: \$ at Q=1000
TPC#35B	38#000580#650	\$322

Please **Contact Us** for pricing for other quantities.

Take advantage of [special discounted pricing](#) while supplies last.

Contact Us

Telephone	1 888 TECHSOL
Web	Contact form
E-mail	< sales@techsol.ca >

See also

- [TPC#35B press release](#)
- [DevKits](#)