

Gateway 2

\$Id: GW2.xml 2431 2011-10-19 22:05:39Z brolin \$

Techsol's Gateway 2 has been shipping since 2005.

The Gateway 2 is powered by the [SA2410 Medallion CPU module](#) operating at up to 266 MHz.

Features

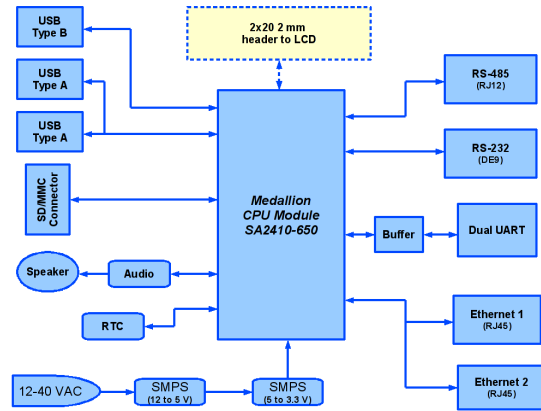
- Ultra#Low#Power operation: consuming less than 2 watts at full speed!
- a 32#bit, RISC processor running Linux 2.6.x
- 64 MB of SDRAM on a 32#bit#wide bus operating at up to 133 MHz
- at least 130 MB of flash memory (2 MB NOR, at least 128 MB NAND)
- power management options to support battery#powered data acquisition systems
- 2 Ethernet ports using RJ#45 connectors with full Linux support and security options
- 3 RS#232 ports using DE#9 connectors, all with modem control lines
- RS#232#3 (the 3rd RS#232 port) also has a jumper option to provide +5 VDC on pin #9 for devices, such as barcode scanners
- 1 RS#485 port using an RJ#12 connector with automatic direction control
- 2 USB 1.1 Host ports with full support for USB input devices, storage device, plus support for select wireless devices
- 1 USB 1.1 Device (Gadget) port with full support for TCP/IP over USB
- 1 Digital I/O port using a DB#25 connector
- 1 DC power jack using a 2.1 mm × 5.5 mm connector
- 2 indicator LEDs for each Ethernet port
- 4 indicator LEDs under program (software) control
- 1 SD/MMC connector for storage expansion
- 1 panel push button accessible by your software

Product Image



[enlarge image](#)

Block Diagram



Gateway 2 Block Diagram

[enlarge image](#)

Ordering Information

Model Name	Part Number	Price: \$ at Q=1000
GW2#640	38#000030#640	\$320

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

Contact Us

Telephone	1 888 TECHSOL
Web	Contact form

E-mail	<sales@techsol.ca>
See also	
• DevKits	