

Gateway Express

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

Techsol's Gateway Express has been deployed since 2006.

The Gateway Express is an integrated, single-board solution powered by a Samsung S3C2410A CPU operating at up to 200 MHz.

Features

- Ultra-Low-Power operation: consuming less than 2 watts at full speed!
- a 32-bit, RISC processor running Linux 2.6.x
- 32 MB of SDRAM
- at least 130 MB of flash memory (2 MB NOR, at least 128 MB NAND)
- 64-way set-associative cache with I-Cache (16 kB) and D-Cache (16 kB)
- power management options to support battery-powered data acquisition systems
- 1 Ethernet port using RJ45 connector with full Linux support and security options
- 1 RS232 port using DE9 connector, with modem control lines
- 1 RS485 port using an RJ12 connector with automatic direction control
- 1 USB 1.1 Host port 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 8-bit bus port using a SIP connector (internal)
- 1 DC power jack using a 2.1 mm × 5.5 mm connector
- 2 indicator LEDs for the Ethernet port
- 4 indicator LEDs under program (software) control
- 1 SD/MMC connector for storage expansion
- 4 panel push buttons accessible by your software

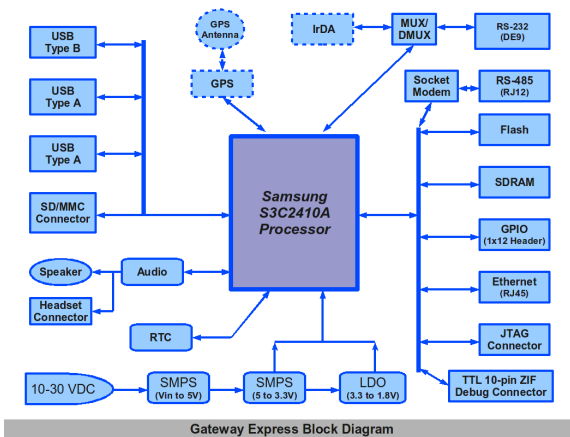
This device is available with a Sun-compliant [Java Virtual Machine](#), plus additional communications

Product Image



[enlarge image](#)

Block Diagram



[enlarge image](#)

Ordering Information

Model Name	Part Number	Price: \$ at Q=1000
GWX#212	38#000060#212	\$240

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

Contact Us

and database extensions. The rugged, aluminum enclosure is optional too.

Telephone	1 888 TECHSOL
Web	Contact form
E-mail	<sales@techsol.ca>
See also	
<ul style="list-style-type: none">• GWX press release• DevKits	