

# Gateway Express 2

\$Id: GWX2.xml 2431 2011-10-19 22:05:39Z brolin \$

The Gateway Express 2 (GWX2) is a standard, off-the-shelf, embedded, single-board computer with POE as an option. The GWX2 is compatible with the [SA2410 Medallion CPU Module](#).

Techsol customers have deployed the GWX2 in field trials since 2009 in applications ranging from monitoring power generation plants to robot controls.

## Features

- Ultra-Low-Power operation: consuming less than 2 watts at full speed
- ARM9 processor running Techsol's proven [Medallion Linux OS](#) for performance and reliability
- 32 MB or 64 MB of SDRAM
- at least 130 MB of flash memory (2 MB NOR, at least 128 MB NAND)
- Fast Ethernet (10BaseT/100BaseTX) interface with integrated status LEDs
- 1 × RS232 serial interface on DE9 connector
- 2 × RS485 or RS232 serial interfaces on DE9 connectors (jumper-selectable configuration)
- 4 USB Host ports (USB Type A connectors) offer easy integration of peripherals plus a USB Device (Gadget) port (USB Type B connector)
- 2 × ultra-efficient SMPS reduce power consumption and heat
- Input range of 10–30 VDC or 7–24 VAC or POE expands your power options
- There is a low-power Real-Time Clock with Battery Backup (RTC)
- There is a Memory Card Connector for microSD cards, enabling low-cost storage expansion
- Power and Error LEDs, plus 4× user-programmable LEDs
- And, like all Medallion devices, it ships with Linux 2.6 plus drivers preinstalled

all packaged into a rugged, aluminum enclosure (optional) barely 5.7# × 5.5# × 1.5#

## Product Image



[enlarge image](#)

## Block Diagram



[enlarge image](#)

## Ordering Information

Model Name	Part Number	Price: \$ at Q=1000
GWX2#220	38#000062#220	\$189

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

#### Contact Us

Telephone	<a href="tel:1888TECHSOL">1 888 TECHSOL</a>
Web	<a href="#">Contact form</a>
E-mail	<a href="mailto:sales@techsol.ca">&lt;sales@techsol.ca&gt;</a>

#### See also

- [GWX2 press release](#)
- [DevKits](#)