

SILEX TECHNOLOGY Device Servers & Embedded Modules

Silex Technology Inc. provides networking and wireless solutions for virtually any printer, USB device, Serial device, as well as Embedded Wireless and Embedded Ethernet solutions. Silex products provide secure wireless and wired connectivity for a wide range of devices in a number of different applications, including medical, weights and measures, printers, enterprise and home networking, transportation, and much more.

WIRELESS/WIRED SERIAL DEVICE SERVERS

Silex serial device servers allow you to connect any RS-232 or UART-compatible serial device. They include a comprehensive TCP/IP protocol stack plus extensive management tools to make it easy to connect and manage multiple serial device servers over a network. For maximum flexibility, Silex offers both wireless serial device servers and serial to Ethernet (wired) device servers with external or embedded form factors.

SX-500

The SX-500 is an external 802.11b/g wireless or 10base-T/100base-T wired serial server with advantages such that include:

- Industry-leading security including WPA, WPA2, and WEP, plus 802.1x authentication with the most commonly used EAP types
- Easiest way to connect an existing RS-232 device to a wireless or wired network
- Rugged pre-plated galvanized steel enclosure with IP40 industrial grade rating

SX-550

The SX-550 is a powerful 802.11a/b/g wireless or 100base-T/100base-T wired embedded module with major competitive advantages like:

- Industry-leading security including WPA, WPA2, and WEP, plus 802.1x authentication with the most commonly used EAP types
- 802.11a capabilities for operation in the uncrowded 5GHz wireless band with more simultaneous users
- 4MB flash and 16MB RAM to handle the most complex applications

SX-550 Shown



For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Silex Part No.	Description	Price Each			
			1	10	50	100
702-SX-500-1031	SX-500-1031	External 802.11b/g Serial Server, Single Port, US Power Supply	261.49	256.37	252.66	245.54
702-SX-550-6900	SX-550-6900	SX-550 Serial Server Developers Kit (main module must be ordered separately)	257.14	-	-	-

EMBEDDED WIRELESS MODULES

Silex offers both intelligent and radio-only embedded wireless modules to meet almost any wireless application. Their intelligent embedded wireless modules feature a complete TCP/IP networking stack plus the industry's most extensive wireless security, while their radio modules offer full 802.11a/b/g connectivity in mini PCI or SDIO form factors.

SX-10WAG/WG

Designed specifically for embedded applications, the Silex SX-10WAG and SX-10WG are Mini PCI radio modules that provide superior features such as:

- FCC Limited Modular Approval for simplification of OEM FCC testing requirements
- Meets a wide range of global regulatory certifications/standards
- Includes antenna with cable (no need to source separate antenna) and supports diversity antenna configurations

SX-560

Features the most extensive wireless security in the industry, including 802.1x Extensible Authentication Protocol (EAP) with all major EAP types and WPA2, WPA2-PSK, WPA, WPA-PSK, and WEP wireless security. The SX-560 is a powerful programmable 802.11a/b/g wireless embedded module with major competitive advantages like:

- Very low power consumption for applications like battery operated devices
- Linux operating system with user programmability



SX-SDCAG Shown



SX-560-2701 Shown

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Silex Part No.	Description	Price Each			
			1	10	50	100
702-SX-10WAG	SX-10WAG-US (GP)	MiniPCI Atheros 802.11a/b/g Radio Card, Includes Antenna and Cable	65.82	64.53	63.59	61.80
702-SX-10WG	SX-10WG-US-(GP)	MiniPCI Atheros 802.11b/g Radio Card, Includes Antenna and Cable	43.87	43.01	42.39	41.20
702-SX-560-2701	SX-560-2701	Intelligent Programmable WLAN Module	152.88	150.63	148.45	144.27
702-SX-SDCAG-2831-SP	SX-SDCAG-2831-SP	WiFi/802.11 Modules & Development Tools 802.11a/b/g SDIO Card Module-Sample	102.86	-	-	-
702-SX-6K2-EVK	SX-6K2-EVK	WiFi/802.11 Modules & Development Tools AR6002 Radio Evaluation Kit	642.86	-	-	-
702-SX-560-6900	SX-560-6900	SX-560 Serial Server Developers Kit (main module must be ordered separately)	257.14	-	-	-

PRINT AND USB DEVICE SERVER

Silex MFP/AIO print servers are the only print servers designed specifically to handle all types of USB printers, including virtually any inkjet, multifunction peripheral, or all-in-one printer. This capability is made possible by Silex's SX Virtual Link software, which exactly emulates a hardwired USB port and thereby ensures compatibility with virtually any printer driver.

The SX-2000WG features 802.11b/g wireless capabilities to allow you to locate your high-speed USB printer anywhere in your home or office. Its advantages include:

- Virtual Link software for compatibility with almost any Inkjet /MFP/AIO USB printer
- Transparent operation with your Windows and MacOS X applications
- Can connect up to 14 additional USB devices (scanners, network storage, etc) to the network

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Silex Part No.	Description	Price Each			
			1	10	50	100
702-SX-2000WG	SX-2000WG+	USB 2.0 High-Speed Wireless Print Server	167.62	164.34	161.96	157.39

ETHERNET CONVERTERS

Silex's Ethernet converters make it easy for you to migrate your existing Ethernet devices into new environments. Simply plug the converter into your device, and you're up and running on your new network in minutes with no software modifications required.

SX-2600CV

The SX-2600CV is an IPv4 to IPv6 converter that ensures that your Ethernet devices will be compatible with current and future TCP/IP networks. Its advantages include:

- Makes existing network devices operable in IPv6 environments
- Works in environments that support both IPv4 & IPv6
- Easy to install and use with software transparent operation devices will be compatible with current and future TCP/IP networks.

SX-2600CV Shown



For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Silex Part No.	Description	Price Each			
			1	10	50	100
702-SX-2600CV	SX-2600CV	IPv4 to IPv6 Converter	220.04	215.74	212.61	206.62

ACCESSORIES

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Silex Part No.	Description	Price Each			
			1	10	50	100
702-108-00016-050	108-00016-050	2.4/5GHz External Antenna for SX-10WAG, SX-550, and SX-560	10.12	9.92	9.78	9.50
702-131-00033-50	131-00033-50	U.FL to RP-SMA 5.1 in Cable with FCC ferrite beads for 108-00016-050 External Antenna	14.85	14.55	14.34	13.94
702-131-20110-050	131-20110-050	U.FL to RP-SMA 4.6 in Cable for 108-00016-050 External Antenna	14.85	14.55	14.34	13.94
702-131-20110-050	131-20110-050	U.FL to RP-SMA 4.6 in Cable for 108-00016-050 External Antenna	14.85	14.55	14.34	13.94
702-128-00193-100	128-00193-100	2.4/5GHz Internal Antenna for SX-510, SX-550 and SX-560	24.30	23.82	23.47	22.81
702-131-00032-050	131-00032-050	U.FL to U.FL Cable for 128-00193-100 Internal Antenna	14.85	14.55	14.34	13.94