



# Sangoma Data Card

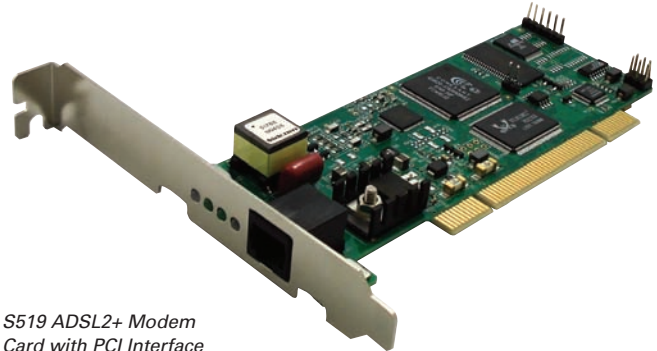
## S519 ADSL2+ Modem Card

The Sangoma ADSL2+ Card provides fast, reliable and seamless broadband internet connection at speeds up to 24 Mbps downstream and 1 Mbps upstream.

The faster uplink speed of ADSL2+ is ideal for server/gateway applications for VoIP, VPN, HTTP and FTP servers. The faster downlink speed of ADSL2+ is perfect for fast internet access and IPTV (Internet Protocol TV).

As a fully-integrated card, no external plug packs are required and cabling is simplified to just an ADSL line connection. The need to purchase an extra Ethernet card is also eliminated, as this feature is built into the card.

The onboard Ethernet controller (RTL8139) makes the modem appear to the O/S as a standard Network card. Thus, the S519 can be used with almost any modern O/S without the need for special drivers. This includes



S519 ADSL2+ Modem Card with PCI Interface

Windows®, Linux, FreeBSD, etc. Three different management methods are supported for ease of operation. SNMP support is also provided for use in large/enterprise networks. Integrate an S519 into your network today.

### Technical Specifications

- **High Speed:** Fast HTML and downloads at speeds up to 24Mbps. Ideal for VoIP, VPN, IPTV and Server applications
- **Compact Size:** Half height (55mm) card fits vertically in 2U Servers
- **Onboard Ethernet Controller:** Includes an onboard Ethernet controller (RTL8139) and ADSL2+ modem all in one
- **Linux Support:** All modern Linux kernels (2.4 & 2.6) include support for the RTL8139 onboard Ethernet controller
- **Windows Support:** Windows 2k, XP and Vista all ship with support for the onboard Ethernet controller
- **Standards & Protocols:** Supports PPPoE, PPPoA & Bridged Ethernet
- **LED Indicators:** 4 rear panel LEDs indicate modem and link status

#### Hardware Features

- ITU G.992 ADSL port
- PCI Bus Local Bus Specification Rev 2.2
- 32 Bit PCI bus width

#### Power Supplies

- 3.3, 5 & 12 V DC
- Consumption 8 W (ADSL2+ typical)

#### Network Protocols

- PPP over ATM (RFC 2364 PPPoA)
- PPP over Ethernet (RFC 2516 PPPoE)
- Bridged Ethernet over ATM (RFC 1483)

#### ADSL Standards

- ADNSI T1.413 i2
- G.992.1 (G.DMT) Annex A
- G.992.2 (G. Lite)
- G.992.3 (ADSL2) Annex A
- G.992.5 (ADSL2+) Annex A

#### Operating Systems

- Linux
- Windows
- FreeBSD

#### PCI Interface

- 32 bit PCI Rev 2.2
- 3.3 V or 5 V Signalling
- Universal Keying for 3.3 V or 5 V PCI

#### LED Indicators

- Power
- Ethernet
- DSL
- Internet

Because it must work!

 **SANGOMA**

## Certifications

- EN55022 - CSPIR 22 (EMC)
- EN55024 - CSPIR 24 (Immunity)
- AS/NZS 60950 (Safety)
- AS/ACIF S043 (ACMA)
- AS/NZS CSPIR 22:2006 (ACMA)
- PTC 273 (NZ)

## Warranty

- 12 month warranty
- PLUS 30-day "no questions asked" return policy

## Physical Dimensions

138 mm x 55 mm x 15 mm (L x H x W)

## Environmental

- Lead Free
- RoHS Compliant

## Ordering Information

Cables, if required, are included at no additional charge.

SKU	BUS	Cables Included:
S519	PCI	ADSL Analog Cable

For more information, please call toll free in North America **1.800.388.2475**, direct at **+ 1 905 474 1990** or email: [sales@sangoma.com](mailto:sales@sangoma.com).

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