



Sangoma Data Card

S518 ADSL Modem Card

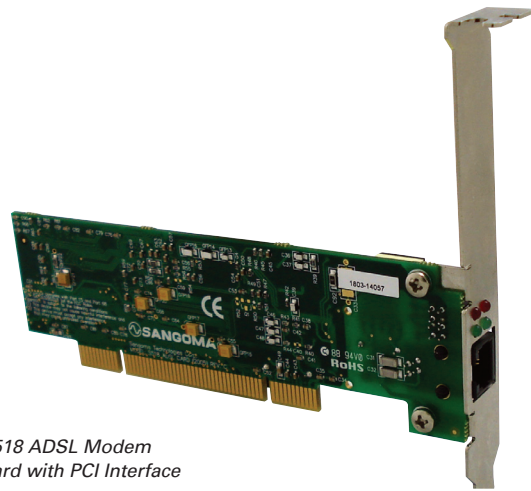
One of the world's smallest ADSL PCI modems with a card height of just 44 mm high (1/3rd standard height), makes the Sangoma S518 ideal for Set Top Boxes, Internet Appliances and Embedded Applications.

The S518 is a fully integrated internal PCI ADSL modem card providing ultra-fast broadband access to the Internet. It provides a fast, reliable and seamless broadband Internet connection at speeds up to 8 Mbps (megabits/second) downstream and 1 Mbps upstream.

The high bandwidth ADSL is ideal for Internet sharing, where multiple users can all share the same Internet connection. The S518 is fully supported under Linux and Windows®.

Full height (111 mm) and half-height (80 mm) brackets are included.

This fully integrated card has no external plug packs required and cabling is simplified to the minimum ADSL line



S518 ADSL Modem Card with PCI Interface

connection. The need to purchase an extra Ethernet card is also eliminated.

Connect to any Central Office DSLAM on a POTS line with the performance of telco recommended hardware. Choose the Sangoma S518 ADSL Modem Card today.

Technical Specifications

- **High Bandwidth:** Fast HTML sessions, downloads and file transfers at speeds up to 8 Mbps (depending on line length and connection plan).
- **Compact Size:** State-of-the-art two chip solution requires only 44 mm card height.
- **Easy Installation:** PCI plug and play, no jumpers or switches for PC bus configuration.
- **Linux Support:** Drivers for Linux 2.2.x and 2.4.x kernels.
- **Windows Support:** Drivers for Win 98, ME, 2K, XP and NT4.
- **LED Indicators:** 4 rear panel LEDs indicate link status.
- **Low Power:** Typical power consumption is only 3.8 Watts.

System Requirements

- Intel Pentium PC, 120 Mhz with 1 spare PCI slot and 1 spare Interrupt (IRQ) line
- Linux 2.2 / 2.4 or Windows NT 4.0 / 98 / ME / 2K / XP operating systems
- ADSL line

Hardware Features

- ITU G.992 ADSL port
- PCI 2.2 bus interface, 64 bit (3.3 V) and 32 bit (5 V) compliant

Network Protocols

- PPP over ATM (RFC 2364 PPPoA)
- PPP over Ethernet (RFC 2516 PPPoE)
- Bridged Ethernet over ATM (RFC 1483)
- Classical IP over ATM (RFC 1577)
- Multilink PPP (MLPPP)

ADSL Standards

- G.992.1 (G.DMT)
- G.992.2 (G. Lite)
- G.992 Annex A (ADSL over POTS)

Software Drivers

- Windows NT 4.0 / 98 / ME / 2K / XP
- Linux 2.2.x and 2.4.x kernels
- IPCop 0.1.2 firewall software
- e-smith 5.5 server and gateway software

Power Specifications

Requires +12 V and +5 V with 3.3 V or 5 V bus

Because it must work!



Power Consumption:

Typical Maximum: +5 V 1.8 W 2.1 W
+12 V 2.0 W 2.4 W
Total: 3.8 W 4.5 W

LED Indicators

- Power
- Line Sync
- Transmit Data
- Receive Data

Certification

- EN60950 (Safety)
- EN55022 - CSPIR 22 (EMC)
- EN55024 - CSPIR 24 (Immunity)
- ETSI TS 101 388
- ANFP OTR 004
- ACA TS001 (Safety)
- AS/NZS 3260 (Safety)
- AS/ACIF S043 (ACA)
- AS/NZS 3548 (EMC)

Warranty

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

Physical Dimensions

138 mm x 44 mm x 15 mm (L x H x W)

Ordering Information

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

SKU	BUS	Cables Included:
S518	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**.

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