

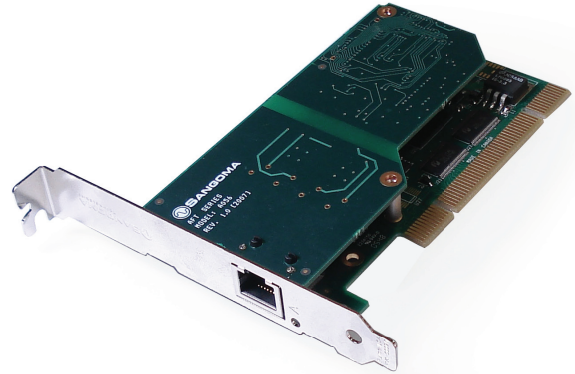
Sangoma Data Card

A56 56kbps DDS

The Sangoma A56 Data Card is the alternative to an external router when using a 56kbps Digital Data System Line connection. This card replaces the Sangoma S5145.

In rugged, extreme or remote environments, a leased 56k DDS line available from the Telco may be your best choice. Designed for North American DDS services, choose the card that also works back-to-back over multiple kilometres of dry wiring.

The A56 56kbps DDS hardware is based on the same advanced engineering design as the award-winning AFT Product Line. Trust the Sangoma® name to deliver optimum data support on standard telecommunications networks.



A56 with PCI Interface

RJ45 DDS Pinouts

Pin	Signal	Pin	Signal
1	TxTip	7	RxTip
2	TxRing	8	RxRing

Technical Specifications

- One 56/64kbps DDS line interface.
- Standard temperature range: 0° – 45°C.
High Temperature -40°– +80°C card available.
- All set-up and configuration is in software or by machine BIOS.
- 56kbps DDS compatible with ANSI T1.410 Bell Pub 62310.
- Network or internal clocking for back to back test setups.
- Software controlled DSU/CSU test modes.
- Remote monitoring of card and CSU/DSU operation.
- Dimensions: 120 mm x 55 mm.
- All Sangoma's AFT products share the same base PCI interface card and the same high-quality firmware on the same family of Field Programmable Gate Arrays.
- Fully PCI 2.2 compliant, compatible with all commercially available motherboards.
- Dimensions: 2U Form factor: 120 mm x 55 mm for use in restricted chassis.
- Short 2U compatible mounting clips included for installation in 2U rackmount servers and **high-quality, tested RJ45 cable included.**
- Power: 800mA peak, operational 300mA max at +3.3 V or 5 V.
- Autosense compatibility with 5 V and 3.3 V PCI busses.
- Intelligent hardware: Downloadable Field Programmable Gate Array programming with multiple operating modes. Field upgradeable so that new features can be added when they become available.
- 32 bit bus master DMA data exchanges across PCI interface at 132Mbytes/sec for minimum host processor intervention.
- Ring buffer DMA handling for minimum host intervention and guaranteed data integrity on high volume systems.

Because it must work!



- Optimized DMA stream and hardware-level HDLC handling unload the host CPU.
- Raw bitstream interfaces can be used to support arbitrary non-standard line protocols such as non-byte aligned monosynch or bisynch.
- WANPIPE® supports certified, field tested and reliable Frame Relay, PPP, HDLC and X.25.

Operating Systems

- Windows® 2003, Windows XP, Windows Server 2008, Windows Vista.
- Linux

Warranty

Lifetime parts and labour with product registration when purchased through an Empowered by Sangoma Channel Partner. Plus a 30-day “no questions asked” return policy.

Certification

FCC Part 15 Class A, FCC Part 68, CE.

Ordering Information

SKU	BUS
A056	PCI

For more information on how to order, call toll free in North America **1.800.388.2475**, direct at **+ 1 905 474 1990** or email: sales@sangoma.com.

To become an authorized Empowered by Sangoma channel partner, please visit <http://partners.sangoma.com/apply>.

To purchase now, contact an Empowered by Sangoma Distributor, Reseller, or Solution Partner near you. Look for the Empowered by Sangoma Logotype.



Diagnostic Tools

WANPIPEMON, SNMP, System logs.

Production quality

ISO 9002