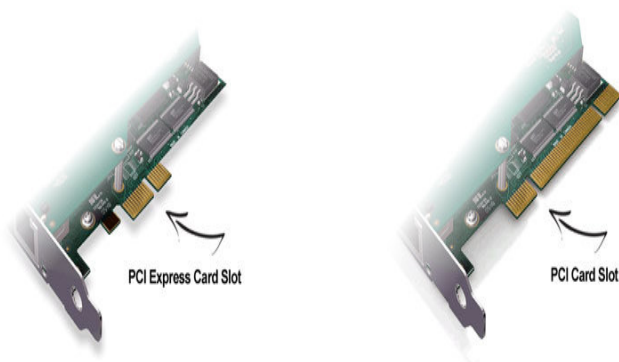Product Name: Sangoma A144 Synchronous Quad Serial Card
Manufacturer: Sangoma
Model Number: A144

Availability: In stock
Sangoma A144 Synchronous Quad Serial Card

Please Note: This Product can be purchased in PCI and PCIe card types. Make your selection at the bottom of the page. Please make sure your motherboard/server is compatible with this product.

Now newly redesigned for improved efficiency, the Sangoma A144 Data Card replaces the Sangoma S5142 card. Ideal for synchronous serial applications.
Whether you use the card to simplify routing and increase security using Sangoma's WANPIPE® software; you need support for an X.25 link, a datascope, an SNA connection, or a broadcast satellite feed; or you have another unique application-Sangoma's Serial Synchronous products communicate mission-critical radar control and surveillance data, essential to modern air and sea communications.
This updated card boasts field upgradeable firmware, a choice of PCI or PCI Express interface, and four primary ports that have equal baud rates without the complexity of signalling jumpers.
The A144 Synchronous Quad Serial 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.
Technical specifications

• Four full-speed primary ports supporting either V.35/RS422/EIA530 or RS232 serial interfaces.
• High-speed connections: V.35/RS422/EIA530 to 8 Mbps per port. RS232 to 400 kbps per port.
• Power: 550 mA at +5 V.
• PCI Versions are 32 bit (5 V) and 64 bit (3.3 V) compatible.
• Now available in PCI or PCI Express.
• Operating temperature range: 0 - 50°C.
• Software configurable or by machine BIOS.
• Dimensions: 2U Form factor: 120 mm x 55 mm for use in restricted chassis.

Datascope Features

• All modem control lines are monitored.
• Either monitoring only or simulation (transmit and receive).
• Monitoring or simulation of ATM or HDLC at line speeds above 8 Mbps, BSC at line speeds to 128 kbps.
• Supports Asynch to 256 kbps, and raw unformatted bit streams to 8 Mbps.
• Time stamps with a resolution of 100 microseconds or better to allow accurate sequencing of events. Each character can be individually time stamped.

Serial Interfaces

• V.35, RS422 or EIA530, or RS232 supported on all four primary ports.
• Clocking: Internally generated or external at line speeds to 8 Mbps.
• NRZ, NRZi, FM0, FM1, Manchester encoding.
• All ports are RS485 - capable of supporting multipoint lines.

Operating systems

• Windows® 2000, Windows® XP, Windows® 9x.
• Linux (all versions, releases and distributions from 1.0 up).
• FreeBSD.
• Solaris.

Line protocols
ATM, Frame Relay, X.25, HDLC, PPP, SS7, BSC Point-to-Point, BSC 3270, SDLC, Transparent bit-stream.
Higher level protocols
IP/IPX over Frame Relay/PPP/HDLC/X.25, X.25 over Frame Relay (Annex G), BSC over X.25 (DMT and TCOP), SNA over X.25, PPPoE, PPPoA, IP over ATM.
Diagnostic tools
WANPIPEMON, SNMP, System logs
Certification
FCC Part 15 Class A, FCC Part 68, CISPR 22, EN 55022 Class A, CIPSR 24, AFIC-S016, IEC 60950
Production quality
ISO 9002
Warranty

• Lifetime warranty on parts and labour.
• PLUS 30-day “no questions asked” return policy.

Price: £441.16

Options available for Sangoma A144 Synchronous Quad Serial Card :

PCI Card Type
PCI Card,   PCI Express Card.