Product Name: Sangoma A142 Synchronous Dual Serial Card
Manufacturer: Sangoma
Model Number: A142

Availability: In stock

Now newly redesigned for improved efficiency, the Sangoma A142 Data Card replaces the Sangoma S5141 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 two primary ports that have equal baud rates without the complexity of signalling jumpers.

The A142 Synchronous Dual 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

- Two 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 both 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: £311.41