



# ComPoint-LAN-SXL



## Device server to integrate serial terminals in the network

The ComPoint-LAN-SXL offers two independently operating serial **RS232** or **RS485** interfaces. Each interface can be individually set and it is possible to transmit baud rates of up to 2.500.000 bauds. It is possible to additionally set emulations as Modem, Auto-Connect, Connect-On-Data, TCP / UDP client with up to 10 parallel connections, TCP/UDP server, tunnel mode with transfer of the signal statuses as well as settings, e-mail client including sending and receiving of e-mails. Optionally the Compoint-LAN-SXL is available with **POE (Power over Ethernet)** as well as with a **36Volt** variant. In addition, the data connection can be secured against unauthorized access by third parties with integrated **SSL/TLS** data encryption.

## Hardware description

Rear



## Supported systems

1. Windows
2. Linux
3. Unix
4. Other

## Supported protocols IP-Dual-Stack

- |            |                  |
|------------|------------------|
| 1. IPv4    | 20. IPv6         |
| 2. TCP     | 21. NDP          |
| 3. UDP     | 22. ICMPv6       |
| 4. FTP     | 23. DHCPv6       |
| 5. TFTP    | 24. TCPv6        |
| 6. ICMP    | 25. UDPv6        |
| 7. ARP     | 26. Netbios-NS   |
| 8. SNMP    | 27. LLMNR        |
| 9. LPR     | 28. ZeroConfig   |
| 10. DHCP   | -APIPA           |
| 11. BOOTP  | -AutoIP          |
| 12. DNS    | 29. IP-Multicast |
| 13. TELNET | 30. AK-M2M       |
| 14. HTML   | 31. IEEE802.1x   |
| 15. http   | 32. SSL 3.0      |
| 16. DYNDNS | 33. TLS1.0       |
| 17. SMTP   | 34. TLS1.1       |
| 18. POP3   | 35. TLS1.2       |
| 19. SYSLOG |                  |

## Technical data

- **Temperature range:**  
-40°C to + 70°C
- **Standards:**  
CE / WEEE / RoHS  
EN 55022 Class B  
EN 55024 Class A
- **Power supply:**  
Power supply unit  
5 volts / 1A
- **Optional:**  
- POE IEEE802.3af  
- 34V switching regulator
- **Dimensions:**  
100 x 28 x 110 mm (WxHxL)
- **RS232**  
Baud rate : up to 2.5Mbaud  
DataBits : 7.8  
Parity : Odd,Even,None  
Mark,Space  
Signals : TXD, RXD, RTS,  
CTS, DSR, DTR,  
DCD,RI, GND
- **RS485**  
Baud rate: up to 2.5Mbaud  
DataBits : 7.8  
Parity : Odd,Even,None  
Mark,Space  
Signals : TXD, RXD, GND
- **Ethernet (MDIX)**  
10 Half Duplex  
10 Full Duplex  
100 Half Duplex  
100 Full Duplex  
AutoSensing

**Note** All tensions can be switched via the internal jumper to pin 1 or 9 of the serial interface.

## Management

1. Telnet
2. Browser
3. serial interface

## Emulations and functions

- Modem Emulation
- Connect-On-Data
- Auto-Connect
- Tunnel-Mode
- DYNDNS-Client
- FTP-Server
- FTP-Client
- LPR-Server
- 512KB internal Flashdrive
- Flash-File-System
- E-Mail – Client
- TCP/UDP -Client
- TCP/UDP –Server
- SYSLOG-Client
- M2M

## Order numbers

ComPoint-LAN-XXL-NT -with 5V power unit  
ComPoint-LAN-XXL-POE -with PowerOverEthernet  
ComPoint-LAN-XXL-36V -with 34V switching regulator

## Emulations and functions

- SSLv3
- TLS1.0
- TLS1.1
- TLS1.2
- IEEE 802.1x