



Technical data sheet

AK-DinRail-Server-LXL



AK-DinRail-Server-LXL

Industrial - WLAN – device server to integrate serial terminals into a network

The AK-DinRail-Server-LXL has two serial RS232 and two RS485 interfaces. Each of these interfaces can be set individually, whereby data rates of up to 1,000,000 baud are supported. In addition, emulations such as Auto-Connect, Connect-On-Data, TCP/UDP client with up to 10 parallel connections and TCP/UDP server can be set. An additional USB-A port allows the internal memory to be expanded or USB devices to be controlled via the network. The server can be easily mounted on any 35 mm DIN EN 60715 (50022) DIN rail and is only 22.5 mm wide. You get ssh access for an administrator user and can use it to develop, install or configure your own programmes. In addition, the AK-Nord image contains the opkg package manager, which allows the installation of almost any Linux package. A pre-installed web server also allows you to set up your own web admin interface. If you wish, you can also obtain root access for the AK-Nord image or build your own Linux image.

Views

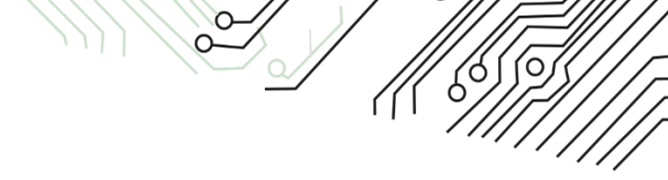


Supported systems

1. Microsoft Windows 11
2. Microsoft Windows 10
3. Microsoft Windows 8
4. Microsoft Windows 7
5. Microsoft Windows Vista
6. Microsoft Windows 2003
7. Microsoft Windows 2000
8. Linux
9. UNIX

Emulations and functions

- Modem Emulation
- Connect-On-Data
- Auto-Connect
- DYNDNS-Client
- FTP-Server
- LPR-Server
- SSH-access opt. with ROOT user
- 4 GB EMMC memory
- Flash-File-System
- E-Mail – Client
- TCP/UDP –Server/Client
- SYSLOG



Technical Data

Dimensions:

22.5 x 120 mm (WxH)

Temperature range:

-40°C.. + 70°C

Standards:

CE / WEEE / RoHS
EN 55022 Class B
EN 55024 Class A

System of protection:

IP30

Power supply:

7-60 Volt (such as 12 volts = 200mA)

Fixture:

35mm top hat / DIN rail
DIN EN 60715 (50022)

Connections RS485:

2 x Removable socket terminal strips
included threaded terminal end
Grid 5.08mm

Connections RS232:

2 x 9 pole Sub-D plug

RS232

Baud rate: up to 1MBaud
DataBits: 7,8
Parity: Odd, Even, None
Mark, Space
Signals: TXD, RXD, RTS,
CTS

RS485

Baud rate: up to 1MBaud
DataBits: 7,8
Parity: Odd, Even, None
Mark, Space
Signals : TXD, RXD, GND

USB-A-Socket**Ethernet (M-DIX)**

10 Half Duplex
10 Full Duplex
100 Half Duplex
100 Full Duplex
AutoSensing

WLAN (option)

Supported protocols IP-Dual-Stack

- Static IP, Dynamic RIP routing support
- IP/ TCP/ UDP/ ICMP/ ARP /RARP Application Support
- Network Address Translation(NAT)
- DynDNS
- Port Mapping/Forwarding
- DHCP Server/Relay/Client
- DNS Relay Agent
- DMZ support

Management

1. Telnet
2. SSH
3. Webbrowser
4. Firewall(iptables)