

Data sheet:

## Com-Server 19" version, 1 serial port



Article no.: 58301

This article has been replaced by the successor model [Com-Server Highspeed OEM 19"](#), #58331.

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Due to a mistake by our component supplier the Com-Server 58301 is unfortunately no longer available. From a software point of view the most compatible replacement model could be the [Com-Server Highspeed OEM 19" 58331](#). The following table summarizes the differences in key technical data.

### Differences between the models:

	Old: Com-Server BNC 19", 58301	Current: Com-Server Highspeed OEM 19", 58331
Serial port:	1 x RS232 to DB9/M	1 x RS232/422/485 selectable to DB9/M
Network:	10MBit/s BNC and RJ45	10/100BaseT RJ45
Configuration/management:	Telnet	Telnet and Web-Based-Management

Please contact us by phone or email with any questions:  
+49 202/2680 110, t.clever@wut.de

## Properties

### General information:

- **Direct connection for 1 serial port in 19" style**
- **Remote configuration**
- **Remote protocol update**
- **Serial options:**
  - RS232
  - RS485/RS422
  - 20mA
  - Customized modules
- **Network adapters:**
  - Coax Ethernet = 10Base2
  - Twisted pair Ethernet = 10BaseT
  - AUI optional
- **Conforms to standards both in office and industrial environments:**
  - High noise resistance for industrial environments
  - Low noise emission for residential and business areas
- **5 year guarantee**

### Background information:

The Com-Server provides everything you need for directly connecting a serial port to the computer network. All protocols are included (see text box and applications included with the product data sheets). In place of the standard existing RS232 port, various port modules can be used. The serial and network parameters are configured via Telnet, ARP/RARP.

### Com Port Redirector:

The W&T COM Port Redirector for Windows 9x/NT/2000/XP/2003 also gives serially operating Windows programs the ability to communicate over the network. Virtual COM ports are installed on the system which behave like standard COM ports with respect to the applications. Communication with the terminal device is now however over the network and a Com-Server ([data sheet with download link](#)).

### Protocols:

- **Serial ports protocols:**
  - XON/XOFF

- Hardware handshake
- SLIP
- other protocols on request
- **Protocols for direct network connection:**
  - TCP/IP:
    - Socket, FTP, Telnet per client and server
  - Auxiliary protocols:
    - ARP, RARP, PING, RIP,
    - Inventorying, group management
- **Protocols for paired Com-Server operation:**  
 (Connect serial devices in pairs via network)
  - Box-to-box mode TCP/IP

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## Technical data

Serial port:	1x RS232 port DB9 connector, assignment as for PC-COM optional: RS422/RS485 or 20mA port
Baud rate:	300 to 57,600 baud
Data format:	7,8 data bits, 1,2 stop bits No, even, odd parity
Flow control:	Hardware handshake or XON/XOFF protocol
Network:	Ethernet: BNC = 10 Base2, RJ45 = 10 BaseT, optional: AUI
Power supply:	5V DC $\pm 5\%$ , 0.8 A through VG terminal strip with AUI: additional 12V DC $\pm 10\%$ , 0.5A
Electrical isolation:	min. 500V
Ambient temperature:	Storage: $-40..+70^{\circ}\text{C}$ Operation: $0..+50^{\circ}\text{C}$
Dimensions:	Eurocard, 100 x 160 mm Front panel 8HP (40.64 mm)
Weight:	approx. 200 g
Scope of delivery:	1x Com-Server 19", 1 Port 1x product CD with WuTility management tool, Windows COM Port Redirector, OPC server, programming examples in C/VB/Delphi/Java, reference manual in German/English



We are available to you in person:

Wiesemann & Theis  
GmbH  
Porschestra. 12  
42279 Wuppertal  
Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5  
p.m.)  
Fax: +49 202/2680-265  
info@wut.de

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