




Data sheet:

Com-Server compact, 10BT and BNC



Article no.: 58201

This article has been replaced by the successor model [Com-Server Highspeed Compact, #58231](#).

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Due to a mistake by our component supplier the Com-Server 58201 is unfortunately no longer available. From a software point of view the most compatible replacement model could be the [Com-Server Highspeed Compact, #58231](#). The following table summarizes the differences in key technical data.

Differences between the models:

	Old: Com-Server BNC Compact, 58201	Current: Com-Server Highspeed Compact, 58231
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

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Properties

General information:

- **Direct connection through compact box**
- **Remote configuration**
- **Remote protocol update**
- **Serial options:**
 - RS232 (standard option)
 - RS485/RS422
 - Customized modules
- **Network adapters:**
 - Coax Ethernet = 10Base2
 - Twisted pair Ethernet = 10BaseT
- **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 compact version provides everything you need for direct connection of a serial port to the computer network. All protocols are included in the delivery (see text box and applications included with the product data sheets). Instead of the standard RS232 port, a number of different port modules may be used. The serial and the network parameters are configured via Telnet and RARP or ARP.

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
- others 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

Technical data

Serial port:	1 x RS232 port DB9 connector, assignment as for PC-COM optional: RS422/RS485 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
Power supply:	included 5V plug-in power supply with Euro plug
Electrical isolation:	min. 500V
Ambient temperature:	Storage: -40..+70°C Operation: 0..+50°C
Housing:	Metal housing, 115 x 90 x 34 mm
Weight:	approx. 200 g
Scope of delivery:	1x Com-Server compact version 1x power adapter for application in office 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



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