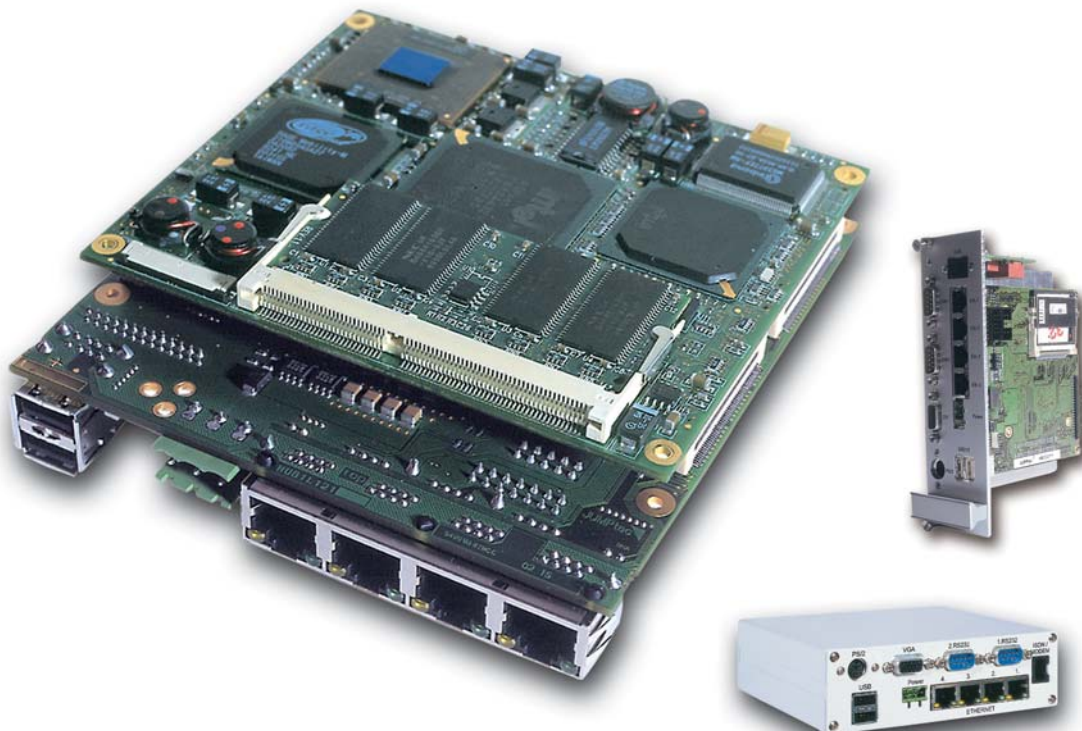# microSERVER

MAXIMUMCONNECTIVITY@MINIMUMSIZE

➤ **Ideal for Firewall or Gateway applications**
➤ **Very small dimensions**
➤ **Scaleable via ETX CPU's**

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➤ Product Overview

The *microSERVER* is a carrier board for ETX CPU modules, which allows the rapid development of numerous connectivity solutions. Based on the ETX family, the processor is scaleable to the system requirements by simply exchanging the ETX device. Equipped with the ideal CPU board, the *microSERVER* changes into a rich featured Ethernet-ISDN-Modem-Gateway-Hub-Controller-Server.

Connecting different 10/100Base-T network segments to the intranet or building Communication gateways, the *microSERVER* is the best choice for such applications. Due to the used standard PC architecture, the wide range of common and special PC operating systems and software can be installed and used on the onboard storage media like IDE hard disk drive or CompactFlashCard™.

Up to three independent Ethernet controller enable the system to work as server as well as a simple "intelligent" hub with router capabilities. Beneath all ETX standard interfaces, the *microSERVER* offers a DIMM-IO socket for further enhancements like BlueTooth™ modules or modems. So building intelligent and scaleable routers or segmenting a network is now an easy task. With a power input range from 9 to 32 Volts, the *microSERVER* is ideally suited as an embedded server platform, operating in industrial environments.

With *microSERVER* you are

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➤ Technical Information

Scaleability	
	via ETX CPU modules
All ETX standard interfaces supported	
	1st IDE port for onboard HDD
	2nd IDE port for further IDE/ATAPI drives (CDROM...)
	LVDS (JILI) panel interface
	2x RS232 serial ports
	2x USB ports
	Sound interface
	VGA interface
	LPT/FDD interface
	PS/2 mouse and keyboard interface

Onboard mounting socket	
	for 2,5" HDD or CompactFlash Card™
10/100Base-T ports	
	Three separate and independent 10/100Base-T ports
DIMM-IO enhancement socket	
	for xDSL (10Base-T), analog Modem, V.90, ISDN or BlueTooth™ module. WLAN connectivity in preparation.
Board dimensions	
	just 118,5 x 116,3 mm (4,7" x 4,6")
Power input	
	9 - 32V
Boxed versions	
	available

➤ Ordering Information

Article	Part.-No.	Description
microSERVER/HDD	18016-0000-00-1	Connectivity carrier board for ETX CPUs with two separate 10/100 BaseT Ethernet controllers, with 2mm IDE receptacle for 2.5" HDDs onboard, connectors for Ethernet, USB, power
microSERVER/CFC	18016-0000-00-2	Connectivity carrier board for ETX CPUs with two separate 10/100 BaseT Ethernet controllers, with socket for Comact Flash Cards™ onboard, connectors for Ethernet, USB, power
KAB-DSUB9-2	96017-0000-00-0	DSUB9 male Connector to 10 pin Header cable
KAB-VGA-2	96053-0000-00-0	Cable for CRT-monitor (15 pin DSUB)
ADA-PS/2-1	96001-0000-00-2	Adapter board with cable for PS/2 interface
KAB-PS/2Y-1	96001-0000-00-4	Y-adapter cable for parallel use of PS/2 kayboard and mouse
ADA-LPT-1	96001-0000-00-3	Adapter board with flat foil cable for parallel printer or FDD use on microSERVER carrier board
ADA-SOUND-1	96001-0000-00-1	Adapter board with cable for sound interface
ADA-FLOPPY-2	96001-0000-00-0	Adapter and flat foil cable to connect a standard 3.5" FDD
KAB-IDE-25	96020-0000-00-0	IDE adapter cable (2mm 44 pin to 2,54 mm 40 pin) to connect a CDROM drive
microSERVER Mounting Kit	18017-0000-00-1	Mounting kit for microSERVER carrier board, includes screws, spacers and brackets

microSERVER/MGX   Part.-No.: 19100-0101-10-0
Complete boxed system including microSERVER/CFC, CFC-64, ETX-mgx-266, SDRAM-SODIMM-64M, 3x 10/100 Base-T, 2x USB, 2x COM, 2x PS/2, VGA, DIMM-IO module optional, Linux preinstalled

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