



EYECATCH-server

for process control systems



specification getcom EYECATCH Server 19”
for Windows NT 4.0 based process control systems
alternatively for W2k / W2k3 SV / Novell SuSE Linux 9.3 Prof.

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Advantages

Being responsible for leading a company, today also means to apply the latest legislation regarding safety and data protection standards for servers and networks for your own systems.

Our server concepts adhere to these legal conditions in the smallest detail. Their longevity guarantees trouble free production processes without expensive system failures. Very quickly you will notice that investing in a getcom server system is an investment for the future, which secures your current software-status for many years.

Reliability and performance are two of the main motivators that influenced the development of our server concepts.

100% compatibility to process control systems available on the market is a technical premise for our products.

Our goal is to build long-term partnerships with our customers through a commitment to deliver high quality server systems, up to date safety concepts and excellent support services.

Summary

- Integrated RAID-controller for hard disk mirroring – every server will be delivered with an extra backup hard disk inside of a hotpluggable hard disk drawer – no data loss.
- High availability by redundant power supply units, hard disk mirroring and other security-features.
- High-value hardware-components ensure smooth operation without blue screens.
- With our unique software concept you will not experience any blackouts during data transfer.
- In case of a server-breakdown, identical hardware allows you to transform a workstation into a server within minutes.
- We preserve your data and your settings 100%.
- By signing a maintenance-contract you will get an availability guarantee for your hardware components for many years.

Know-How

Our experience in process control systems combined with our knowledge of the hard- and software sector guarantees the high security standards our customers rely on.

We assist you during installation of your systems, programming or re-programming, when hardware changes are needed, or when you require long-term maintenance.

The „getcom - industrial division“ is a team of worldwide available highly trained, professional technicians and engineers with expert knowledge in sectors like SPS, process control systems and application programming (VB, C/C++, Java, PHP, SQL, etc.).

Our service is not limited to in-house engineering. If required we are on the spot, when and wherever our help is needed.

getcom also offers training, consulting and planning services.

Please also refer to our references for further information.

Overview

- Industrial quality
 - Long leivity
 - High performance system
 - Ingenious hardware-concept
 - Highest availability
 - Optimized for our S7-system-know-how
 - Works great with process control systems
 - getcom EYECATCH-server case 19"
 - High-end server-main board
 - Powerful graphics card 128 Mb
 - SCSI-RAID-Controller RAID-Level 0,1,5,10
 - 2 removable hard disk drawers (+ 1 Backup)
 - 3 fast SCSI-server-hard disks 73 Gb
 - Dual memory 2 x 256 Mb DDRAM (512 Mb) for maximum data throughput
 - 16x DVD-writer for database-backups
 - 2 x COM-Port for APC-USV and remote-service modem
 - Optional PCI-ISDN-card for remote service
 - 2 x network device 10/100 or 10/100/1000Mbit
 - 1 x Parallel port
 - Front side USB V. 2.0 (not available for Windows NT 4.0) for memory sticks
-
- 2 years warranty for devices
 - 5 years warranty for buying additional hardware (with service contract)

The server case: robust and pleasing design



- Case in ATX / WTX form (Intel P4 or XEON)
- 19"-style 4 HE
- 2 x 300 / 400 W ATX / WTX power supplies, redundant (optional)
- Case fan for temperature relief of electronic parts
- 4 x 5 1/4" and 1x 3,5 " slots (max. 7 Bayes)
- Front-USB-plug
- 7 PCI-slots
- Weight: net 15 kg, gross 18 kg
- Dimensions (W / H / D): 48,3 x 17,7 x 50,5 cm (52,5 cm incl. handles)

**Optional:
Redundant power supply unit (failsafe power supply)**



- Redundant power supply cage for two supplies with switch electronic
- Fast switching in case of failure, your systems keep on working
- 2x300 W ATX-power supplies / 2x400 W WTX-supplies
- Intel P4- or XEON-compatible
- Active PFC
- Acoustic signal in case of failure of a power supply
- Maximum 30A +5V ATX / 40A +5V WTX
- Maximum 15A +12V ATX / 20A +12V WTX
- Power output 160W ATX / 200W WTX
- Power cable for 7 x HDD and 2 x FDD
- PS/2 form factor for getcom EYECATCH case

NT-4.0-SP6a certified server-motherboard (P4 or XEON)



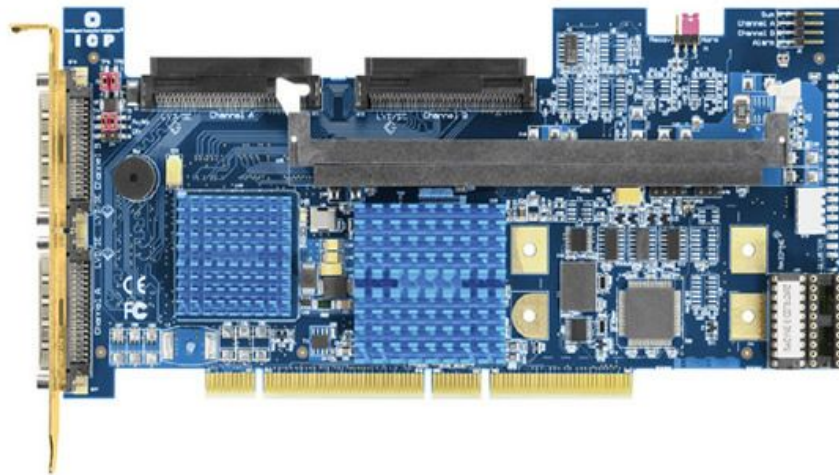
- High quality server main board
- Optimized for high performance
- 24/7 run time without blue screens
- For P4 (+ Extreme Edition) or Dual XEON
- Certified for the following operating systems:
- Novell SuSE Linux 9.3 Professional
- Windows NT 4.0 WS/SV
- Windows 2000 WS/SV
- Windows 2003 SV

NT-4.0-SP6a certified high-end graphics card



- High end graphics card
- AGP 8x
- 128Mb DDRAM
- 400MHz RAMDAC
- For a good frame rate when showing process control images
- Certified for the following operating systems:
- Novell SuSE Linux 9.3 Professional
- Windows NT 4.0 WS/SV
- Windows 2000 WS/SV
- Windows 2003 SV

NT-4.0-SP6a certified Disk-Array-Controller



- Intelligent high end RISC disk array controller
- RAID-Level 0,1,5,10
- Hot plug, auto hot plug with SAF-TE support
- 64Mb Cache
- SCSI U320, downward compatible
- For safety of data and changing hard disk during operation
- Certified for the following operating systems:
 - Novell SuSE Linux 9.3 Professional
 - Windows NT 4.0 WS/SV
 - Windows 2000 WS/SV
 - Windows 2003 SV

Hotplugable SCA-hard disk drawer with 80pin SCSI hard disks



- Hotplugable
- 3 very fast hard disks 73 Gb per server inside hard disk drawers
- 8Mb Cache
- U320 SCSI 80 Pin
- Access time 3,8ms
- For safety of data and changing hard disk during operation
- Certified for the following operating systems:
 - Novell SuSE Linux 9.3 Professional
 - Windows NT 4.0 WS/SV
 - Windows 2000 WS/SV
 - Windows 2003 SV

For further information:



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