



DESIGO™ INSIGHT

## Management station TX 150 S3 rack

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**DESIGO INSIGHT management station consisting of server hardware and pre-installed system software.**

### Use

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The DESIGO INSIGHT management station contains both the computer (PRIMERGY TX 150 S3) as well as the complete DESIGO INSIGHT software.

Licensing of individual functions (e.g. starter pack, plant viewer, data points) is provided separately via the SAP web GGU; a dongle (USB or parallel) is also required.

The DESIGO INSIGHT management station is easily expanded with new hardware (e.g. hard drives, RAM) and with additional functions (e.g. remote access).

It communicates via the industrial Ethernet system bus with connected PX automation stations as well as with VISONIK, UNIGYR, Integral and SIMATIC S7. A separate PROFIBUS card is required to connect UNIGYR via PROFIBUS.

## Features

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The DESIGO INSIGHT management station is based in design on a modern rack-mounted server PC from Fujitsu Siemens Computers.

The rack contains free PCI slots for fast I/O cards and an integrated graphics processor.

The Pentium 4 processor has a speed of 3,6 GHz and 1 GB of RAM.

A 73 GB SCSI hard drive. A maximum of 4 drives with RAID level 0/1/5 can be inserted (on board RAID controller for RAID 1, RAID controller for RAID 0/5 is optional).

The operator console can be connected via the installed graphic process (not included, but recommended is a TFT monitor).

An on-board twisted-pair connection 10/100/1000+ (RJ45).

One DVD R/W drive (including CD R/W) is also included with the package.

## Optional extensions

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- Backup:  
DAT streamer (DDS-5) with a capacity of 36 GB MO drive 2.3 GB
- Interface multiplier to extend the number of serial interfaces (e.g. for message printer).
- RAM DDR2 SDRAM
- Soundcard
- Graphic card 128 MB RADEON 9250
- Harddrive memory expansion as a mirrored drive up to RAID level 5.
- RAID controller for RAID level 5.
- PCI PROFIBUS card for UNIGYR connection
- Uninterrupted power supply (UPS).

## Software

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The operating system is Windows 2003 Server Standard. The complete functionality of DESIGO INSIGHT is installed under this operating system.

Norton Ghost and NETOP Remote Control Host is also installed and licensed.

DESIGO INSIGHT functionality is only available after the appropriate licenses are received via SAP CGU Web:

### **Starter Pack**

- Object Viewer
- Alarm Viewer
- Alarm Router
- Time Scheduler

### **Options**

- Plant Viewer
- Trend Viewer
- Log Viewer
- etc.

### **Add- on**

- Remote access
- Third party software

A dongle (USB or parallel) is further required for operation.

## Ordering

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When ordering, please specify the quantity, ASN and type designation.

<i>Type designation</i>	<i>ASN</i>
<b>DESIGO INSIGHT</b>	<b>CDI80-R.02</b>
<b>Management Station</b>	
<b>TX 150 S3 Rack</b>	

### The order CDI80-R.02 includes:

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- Basic unit PRIMERGY **TX 150 S3 Rack**
- **Windows 2003** Server Standard
- Complete pre-installation of **DESIGO INSIGHT** (without licenses)
- **Norton Ghost** (with license)
- **NETOP** Remote Control Host (with license)

## Technical data

	<b>Type</b>	<b>CDI80-R.02</b>
System unit	<b>CPU</b>	<b>Pentium 4 processor 3.6 GHz</b>
	<b>Second level cache</b>	<b>256 KB ECC</b>
	<b>Memory</b>	<b>1 GB</b> (expandable to 4 GB)
	<b>Hard disk drives</b>	<b>1 x 73 GB, hot-plug</b> (max. 4 plug-in hard drives up to RAID level 5)
	<b>Diskette drive</b>	<b>3.5 inch, 1.44 MB</b>
	DAT drive (optional)	DDS-5, 36 GB
	<b>DVD R/W drive (including CD R/W)</b>	<b>5.25 inch, 4x/8x speed</b>
	<b>Graphics card</b>	<b>on-board, 8 MB</b>
	<b>Network card</b>	<b>Intel 10/100/1000+ on-board with RJ-45 plug and 1 plug line 10BaseT, 3 m</b>
	Keyboard, <b>mouse</b>	3-button mouse
	<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 4 x RS-232-C (serial, 9-pin)</li> <li>• 2 x Centronics (parallel, 25-pin, EPP/ECP compatible)</li> <li>• 3 x USB</li> <li>• 2 x PS/2, mouse, keyboard</li> <li>• 1 x VGA (15-pin)</li> </ul>
	<b>Slots</b>	<b>5 x PCI, 1 x PCI Express (1x1)</b>
	<b>Mounting slots</b>	
	– for HD drives	4 x 3.5 inch for standard SCSI or hot-plug SCSI (on insert) 2 x 5.25 inch free
– for operatable drives		
Visualization (optional)	Color monitor for operator console	17 to 21 inch (TFT monitor recommended)
<b>Power</b>	<b>Power supply</b>	<b>274 W (permanent supply)</b>
	<b>Mains supply</b>	<b>AC 100 to 240 V</b>
<b>Dimensions / weight</b>	<b>Mains frequency</b>	<b>50 to 60 Hz</b>
	<b>Dimensions (H x W x D) in mm</b>	<b>444 x 205 x 605 (without plug)</b>
	<b>Insertion height in rack</b>	<b>5 height units (U)</b>
<b>Ambient conditions</b>	<b>Weight</b>	<b>ca. 28 kg, depending on configuration</b>
	<b>Ambient temperature</b>	<b>10 to 35 °C, as per DIN EN 60721</b>
	<b>Noise class</b>	<b>1 as per ISO 9296</b>
<b>Standards</b>	<b>Product safety</b>	<b>EN 60950 / IEC 60950</b>
	<b>FCC guidelines</b>	<b>Class A</b>
	<b>Electromagnetic compatibility</b>	<b>EN 55022 Class A</b> <b>EN 55024</b>
	<b>CE labeling as per EU directives</b>	<b>89/336/EEC (EMC)</b> <b>73/23/EEC</b>

**Bold** faced components are included in the basic version (**CDI80-R.02**)