



DESIGO™ INSIGHT

## Management station Econel 50

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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 Econel 50) 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 server PC from Fujitsu Siemens Computers.

The mini-tower contains free PCI slots for fast I/O cards and an integrated graphic processor.

The Pentium 4 processor has a speed of 3.0 GHz and 1 GB of RAM.

A 80 GB SATA hard drive. Max. 4 hard drives can be inserted at RAID level 1 (on-board RAID controller).

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).
- Hard drives as memory extension and for operation as a mirrored drive
- RAM DDR2 SDRAM
- Soundcard
- Graphic card 64 MB NVIDIA
- PCI PROFIBUS card for UNIGYR connection
- Uninterrupted power supply (UPS).

## Software

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The operating system is Windows XP multilanguage. 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 Management Station Econel 50</b>	<b>CDI50-T.02</b>

### The order CDI50-T.02 includes:

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- Basic unit PRIMERGY **Econel 50**
- **Windows XP** Multilanguage
- Complete pre-installation of **DESIGO INSIGHT** (without licenses)
- **Norton Ghost** (with license)
- **NETOP** Remote Control Host (with license)

## Technical data

	<b>Type</b>	<b>CDI50-T.02</b>
<b>System unit</b>	<b>CPU</b>	<b>Pentium 4 3.0 Ghz processor</b>
	<b>Second level cache</b>	<b>256 KB ECC</b>
	<b>Memory</b>	<b>1 GB DDR2 SDRAM</b> (expandable to 4 GB)
	<b>Hard disk drives</b>	<b>1 x 80 GB, SATA</b> (max. 4 hard drives connected to RAID level 1)
	<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</b>
	Keyboard, <b>mouse</b>	<b>3-button mouse</b>
	<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 3 x RS-232-C (serial, 9-pin)</li> <li>• 2 x Centronics (parallel, 25-pin, EPP/ECP compatible)</li> <li>• 6 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, 2 x PCI Express (1x1, 1x8)</b>
	<b>Mounting slots</b>	
	– for HD drives	4 x 3.5 inch for Standard SATA
– for operatable drives	2 x 5.25 inch	
<b>Visualization</b>	Color monitor for operator console	17 to 21 inch (TFT monitor recommended)
<b>Power</b>	<b>Power supply</b>	<b>240 W (permanent supply)</b>
	<b>Mains supply</b>	<b>AC 100 to 240 V</b>
	<b>Mains frequency</b>	<b>50 to 60 Hz</b>
<b>Dimensions / weight</b>	<b>Dimensions (H x W x D) in mm</b>	<b>390 x 203 x 500</b>
	<b>Weight</b>	<b>ca. 19 kg</b>
<b>Ambient conditions</b>	<b>Ambient temperature</b>	<b>10...35 °C as per IEC 721</b>
	<b>Noise class</b>	<b>0 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 B; EN 55024</b>
	<b>CE labeling as per EU directives</b>	<b>89/336/EEC (EMC) 72/23/EEC (LVD)</b>

**Bold** faced components are included in the basic version (**CDI50-T.02**)