



SICLIMAT™ X

## Multiple user system OSMR-TX 150 S6 Rack

## OSMR-TX

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Forms the basis for multiple user operating and monitoring systems for SICLIMAT X, consisting of one rack-mounted server PC.

### Use

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OSM-TX 150 S3 S6 contains only hardware. The actual SICLIMAT X software is optional.

It communicates with connected SIMATIC S7 automation stations via the industrial Ethernet system. The E/P link is required to connect the SIMATIC S7 via PROFIBUS.

The S5 link is required (addition of ISA components) when the OSM-TX 150 S6 is employed as a replacement for existing computers (e.g. service).

## Features

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The main control unit is based on a modern server PC.

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

The Intel Xeon Dual-Core Process has a speed of 2.33 GHz and 2 GB DDR2 SDRAM. A hot-plug capable 73 GB SAS hard drive. Max. 4 hard drives can be inserted at RAID level 5 (RAID controller on board).

The first workstation, which also includes a system console, can be connected via the built-in graphics processor (not included, but we recommend a TFT monitor); additional workstations via the terminal bus.

The board comes with a network card with twisted pair plug (RJ45). A \* m 10BaseT cable is also included.

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

## Optional extensions

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- PCI watchdog groups with 4 potential-free outputs.
- Data backup: DAT-Streamer (DDS-5) with a capacity of 36 GB.
- Interface multiplier to extend the number of serial interfaces (e.g. for message printer).
- System bus adapter for industrial Ethernet.
- Serial radio clock module for DCF 77.
- Hard drive memory expansion as a mirrored drive up to RAID level 5.
- E/P link to connect SIMATIC S7 via PROFIBUS.
- S5 link to add ISA components for exchanging servers.
- Uninterrupted power supply (UPS).

## Software

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SuSE Linux 10.0 serves as the operating system.

The Oracle workgroup server V9 is used to archive and administer data.

Both components are part of the SICLIMAT X basic package V 4.1 and are provided with the same, but are not part of the package as described in this document.

## Ordering

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When ordering, please specify the quantity, product name, and type code.

<i>Type</i>	<i>Order number</i>
<b>Operator station</b>	<b>6FLOSMR-TXS6V41</b>
<b>OSM-TX 150 rack</b>	

## Technical data

	Type	OSMR-TX 150 S6 rack
System unit	CPU	Intel Xeon Dual-Core process 2.33 GHz
	RAM	2 GB
	Hard disk drives	Hard disk SAS 1 x 73 GB, max. max. 4 plug-in hard drives up to RAID level 5
	Diskette drive	3.5 inch, 1.44 MB
	DAT drive (optional)	DDS-5, 26 GB, 3.5 MB/s, internal
	DVD R/W drive (including CD R/W)	5,25"
	Graphics card	on board, 32 MB
	Network card	Intel 10/100/1000+ on-board with RJ-45 plug and 1 plug line 10BaseT, 3 m
	Keyboard, mouse	2-button mouse
	Watchdog group (optional)	PCI group with 4 relay outputs
	Interfaces	<ul style="list-style-type: none"> <li>• 2 x RS-232-C (serial, 9-pin)</li> <li>• 1 x Centronics (parallel, 25-pin, compatible to EPP/ECP)</li> <li>• 5 x USB</li> <li>• 2 x PS/2, mouse, keyboard</li> <li>• 1 x VGA (15-pin)</li> </ul>
	Slots	3 x PCI, 3 x PCI Express (1x4, 2 x 8)
	Mounting slots	
	– for HD drives	4 x 3.5 inch for standard SATA hot-plug SAS (in the slot)
– for operable drives	2 x 5.25 inch available	
Visualization (optional)	Color monitor for workstation	17 to 21 inch (TFT monitor recommended)
	B/W monitor as system console	15"
Power	Power supply	232 W (permanent supply)
	Mains voltage	AC 100 to 240 V
	Mains frequency	50 to 60 Hz
Dimensions / weight	Dimensions (H x W x D) in mm	482 x 221 x 642 Rack mounting depth 607 mm
	Weight	ca. 28 kg, depending on configuration
	Insertion height in rack	5 height units (U)
Ambient conditions	Ambient temperature	10 to 35 °C, as per DIN EN 721-3-3
	Noise class	1 as per ISO 9296
Standards	Product safety	EN 60950 / IEC 60950
	FCC guidelines	Class A
	Electromagnetic compatibility	EN 55022 Class A EN 55024
	CE labeling as per EU directives	89/336/EEC (EMC) 73/23/EEC.

