

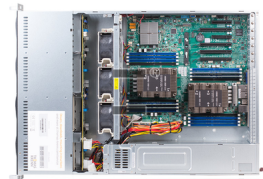
## Individual data sheet

### 2U Intel Dual-CPU RI2208 Scalable

[Ver. 3.0]

#### Your advantages at a glance

- Individually configurable server and storage solutions according to your specifications
- Intelligent configurator – every system's [components tested for compatibility](#)
- Systems loaded with customer-specific images on request
- [Pre-installation of software solutions](#) on your Thomas-Krenn hardware possible
- Quality you can trust with over [15,000 satisfied customers](#)
- Certified according to DIN EN ISO 9001:2015
- Detailed, solution-oriented advice – from [your personal consultant](#)
- Saved configurations in the [personal account area](#)
- [Technical support](#) from our certified technicians



#### Mainboards

Manufacturer	Supermicro
Mainboards	X11DPi-NT
Chipset	Intel C622
Socket	Intel LGA 3647-0

Processor	2x Intel Xeon Gold 6242R (3,10GHz, 20-Core, 35,75MB) Takt: (3.1 GHz - 4.1 GHz) Threads: 40
Main Memory	512 GB (16x 32GB) ECC Reg ATP DDR4 3200 RAM (Premium) Aufrüstbar bis zu: 16 DIMMs (1 TB)
LAN Onboard	2x 10 Gbit/s LAN (RJ-45)
LAN chipset	Intel X557
LAN Onboard (dedicated IPMI)	1x RJ45 Dedicated IPMI LAN port
Onboard graphic	1x VGA Aspeed AST2500 BMC
Onboard Input/Output	USB (no PS2 ports!) 1x TPM Header 2x COM Ports (1 rear, 1 header)
USB ports	4x USB (rear)  1x USB on board (type A)

## Extension-slots for additional cards

PCI slots (mainboard)	4x PCIe 3.0 x16 2x PCIe 3.0 x8
Available slots in the chassis	6x Low profile/Half Length/Full Length

## Onboard ports

SATA-3 (6 Gb/s)	14x SATA-3 (6 Gbit/s) Intel C622 RAID 0, 1, 10, 5, Software-Raid
Port distribution	8x Intel PCH 4x Intel SCU 2x SuperDOM support
mSATA	0x mSATA
M.2	1 x M.2 PCIe 3.0 x4
M.2 form factor	2260, 2280, 22110
NVMe	2x NVMe onboard

## Drives / storage capacity

Drive slots (total)	8x 3.5" / 2.5" (Hot-swap) 2x 2.5" (Internal, non-hot-swap)
Backplane	SATA / SAS-3 (12 Gb/s)
Max. capacity HDD (SAS)	144 TB
Max. capacity HDD (SATA)	144 TB
Max. capacity SSD (SATA)	30.72 TB
Max. capacity SSD (SATA)	61.44 TB

## Server management

Management software	Supermicro SuperDoctor 5
Remote management	Integrated IPMI (dedicated NIC)
Features	Managementsoftware IPMI View IPMI with KVM Over LAN Serial Over LAN (SOL) Virtual Media Over LAN (Virtual USB Floppy/CD and Drive Redirection) LAN Alert-SNMP Trap Event Log OS Independent Hardware Health Monitor Remote Power Control Support RMCP & RMCP + Protocols Fan Speed Control Dedicated 3. network interface card
IPMI-sensors	CPU-temperature (OK / warning) system-temperature (Celsius degree) Electronic voltage (volt) Cooler speed (RPM) Additional model-dependent sensors ( <a href="http://www.thomas-krenn.com/ipmi-sensoren">www.thomas-krenn.com/ipmi-sensoren</a> )

## Chassis

Unit	2U
Dimensions	89 mm (H), 437 mm (W), 647 mm (D),
drives (in scope of delivery)	not contained, optional available
Drives (optional)	1x Slim CD/DVD/DVD-R External USB-drives
Fan (center)	3x 80x80x38mm Hot-swap (9400rpm, 53.5dBA)
Silent blowerkit option	no

## Power supply

Power supply unit	2x 800 Watt redundantes Hot Swap Netzteil (80plus Titanium)
energy efficiency	96%
PMBus support	Yes, Ver.1.2

## Rack Assembly

Assembly rails	contained in the scope of supply
rail length	675-880 mm
Total length server front to end of assembly rail	820 mm
Max. extraction length	670 mm
Recommended maneuvering space	75 mm (minimum)

## environment-requirements

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Recommended environment-temperature (appropriate BSI) 20 - 22 degree

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Recommended air humidity (appropriate BSI) max. 40%

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Recommended deployment location To ensure the optimal cooling of the system, we recommend running the server in an air conditioned server room and as part of a rack installation. The server is not ideal for use in an office environment due to its high noise levels.

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## Service & Support

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Service-Term 12 Monate

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