

## Hardware platform for stationary applications

### G-ST 8000+ G3



The hardware platform in 19-inch design with higher reliability guarantees optimal interaction with Geutebrück software. Ideal as a stand-alone device for large, demanding systems with very high storage space requirements, as well as for use in networked branches or branch offices.

- Where a server OS is required: For example, Datacentres, Hospitals, Museum, Correctional Facilities, Casinos, Defence, Large Retail and Logistic Centres.
- Enables the processing of a large amount of data in conjunction with high redundancy requirements.

- High performance model with high reliability due to an integrated RAID system for max. 16 hard disks.
- Possibility to increase the memory space by connecting further external memory systems.
- Depending on the application, the hardware can be configured with appropriate components.
- Higher reliability through the choice of additional redundancy concepts.
- Perfectly adapted to the requirements of video surveillance (CCTV).

# Technical data

## Software

<b>Operating System:</b> Microsoft Server 2022 Std. IoT LTSC, CAL-Less	<b>G-Core:</b> 8.1 or newer with GPU support	<b>G-SIM:</b> 10.0.1 or newer with GPU support
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## Performance\*

<b>Record:</b> 790 Mbit/s database;96 channels	<b>Viewer:</b> 430 Mbit/s; 46 channel	<b>G-Tect:</b> AD: 81 channels, VMD: 80 channels, VMX: 59 channels
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## Memory

<b>System:</b> 1x M.2 SSD 256GB (opt. 2x M.2 SSD Raid1)	<b>Image memory:</b> up to 16xHDD, hot swap, Raid 0,1,5,6
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## System

<b>Processor:</b> Intel Core i7 12th gen. IoT	<b>Memory RAM:</b> 32GB ECC DDR5 (opt. 64GB)	<b>Video outputs:</b> 4x DisplayPort V1.4a
<b>Audio output:</b> 1x stereo (line out, phone jack 3.5mm), display port	<b>Audioformat:</b> G.711 (PCM) A-law, $\mu$ -law with 8 kHz, Uncompressed PCM up to 16 kHz	<b>Network interfaces:</b> 1x Port 10/100/1000 MBit/s base-TX iAMT 2x Port 10/100/1000/2500 MBit/s
<b>Other interfaces:</b> 1x RS232 16x input contacts, sabotage monitored 8x potential free relay outputs, 24VDC 1A	<b>Power supply:</b> Redundant: 100-240V AC / 60-50 Hz $\pm$ 10%, 2x 760W Hot-Swap	<b>Power consumption:</b> $\varnothing$ 340 W; Max. 540 W

## Environment

<b>Operating temperature:</b> 0°C to +40°C	<b>Form factor:</b> 3U / 3HE	<b>Dimensions:</b> 19" rack mount unit: 3U x 710 mm (depth); 482 x 133 x 710 mm (W x H x D)
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## Certifications

CE, EAC

## Warranty

3 years (opt. 5 years)

## Accessories

<b>System memory:</b> 0.08060   M.2 SSD 256GB mirrored, Raid 1	<b>Image storage:</b> up to 16x HDD image storage 2-20 TB per HDD	<b>Network interfaces:</b> 5.35466   1 Port Gbit network card PCIe 5.35465   2 Port Gbit network card PCIe
<b>Memory RAM:</b> 1.02922   16GB ECC RAM Kit (max. 64GB)	<b>SQL Server:</b> 4.92898   SQL Server 2022 IoT Standard with 5 CAL embedded	<b>Memory expansion:</b> 4.94389   RAID-Controller 9580-8i8e for JBOD

\*Configuration: G-ST 8000+G3 with i7 and 32GB RAM Video source: Scene OutdoorLively, 25fps, H.264, FullHD. Each test was performed separately. In combination the values are lower.

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