

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

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|---|---|---|
| Operating System: Microsoft Server 2022 Std. IoT LTSC, CAL-Less | G-Core: 8.1 or newer with GPU support | G-SIM: 10.0.1 or newer with GPU support |
|---|---|---|

Performance*

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

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

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

Environment

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

Certifications

CE, EAC

Warranty

3 years (opt. 5 years)

Accessories

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