# GEUTEBRÜCK

# Hardware platform for stationary applications
## G-ST 8000+ G3/2U



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 high storage space requirements, as well as for use in networked branches or branch offices.

- Surveillance of larger buildings and company premises.
- Enables the processing of a large amount of data in conjunction with high redundancy requirements.

- High-performance model in slim design with higher reliability due to an integrated RAID system for max. 8 hard disks.
- 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

| Operating System: | G-Core: | G-SIM: |
|---|---|---|
| Microsoft Server 2022 Std. IoT LTSC, CAL-Less | 8.1.1 or newer with GPU support | 10.0.1 or newer with GPU support |

## Performance*

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

## Memory

| System: | Image memory: |
|---|---|
| 1x M.2 SSD 256GB (opt. 2x M.2 SSD Raid1) | up to 8xHDD, hot swap, Raid 0,1,5,6 |

## System

| Processor: | Memory RAM: | Video outputs: |
|---|---|---|
| Intel Core i7 12th gen. IoT | 32GB ECC DDR5 (opt. 64GB) | 4x DisplayPort V1.4a |
| Audio output: | Audioformat: | Network interfaces: |
| 1x stereo (line out, phone jack 3.5mm), display port | G.711 (PCM) A-law, μ-law with 8 kHz, Uncompressed PCM up to 16 kHz | 1x Port 10/100/1000 MBit/s base-TX iAMT 2x Port 10/100/1000/2500 MBit/s |
| Other interfaces: | Power supply: | Power consumption: |
| 1x RS232 16x input contacts, sabotage monitored 8x potential free relay outputs, 24VDC 1A | Redundant: 100-240V AC / 60-50 Hz ±10%, 2x 500W Hot-Swap | approx. 220 Watt (2x M.2, 8xHDD Raid 5) |

## Environment

| Operating temperature: | Form factor: | Dimensions: |
|---|---|---|
| 0°C to +40°C | 2U / 2HE | 19" rack mount unit: 2U x 710 mm (depth); 482 x 89 x 710 mm (W x H x D) |

## Certifications

CE, EAC

## Warranty

3 years (opt. 5 years)

## Accessories

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

*Configuration: G-ST 8000+G3/2U with i7 and 32GB RAM Video source: Scene OutdoorLively, 25fps, H.264, FullHD. Each test was performed separately. In combination the values are lower.

Order no. 0.60803