GEUTEBRÜCK

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).

Please note that prices for RAM, SSD, and HDD components are subject to short-term changes due to market conditions. The only binding price is the one displayed at the time of order placement.

Technical data

Software		
Operating System: Microsoft Server 2025 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*		
Record: 790 Mbit/s database;96 channels	**Viewer:** 430 Mbit/s; 46 channel	**G-Tect:** AD: 81 channels, VMD: 80 channels, VMX: 59 channels

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

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 ±10%, 2x 760W Hot-Swap	**Power consumption:** Ø 340 W; Max. 540 W

Environment		
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:** 4.92885 | SQL Server 2025 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.

Order no. 0.60801