

## Hardware platform for Geutebrück software solutions G-ST 6000+ G3



Microsoft Windows 10  
IoT Enterprise LTSC

Powered by Intel 12th gen.  
IoT Processor

Includes DDR5 RAM for  
even more performance

Higher reliability due to  
redundant power supply or  
selection of a mirrored  
operating system

Powerful model with  
higher reliability by an  
integrated RAID system for  
max. 8 hard disks

Contact us for additional  
details on bundled options  
or to place an order.

15.60620 - G-Core Bundle

The 19" rack mounted hardware platform ensures optimum interaction with Geutebrück software.

Used as a stand-alone unit for a medium to large video management systems with higher storage requirements or, for use in a networked solution across multiple branches or facilities.

Platform includes dual hot-swappable power supplies.

Two (2) mirrored SSD's for the OS are included for increased reliability.

16GB RAM (standard) included with options to increase up to 64GB.

On board RAID 0, 1, 5 or 6 storage with up to 176TB with eight (8) 3.5" HDD hot-swappable storage bays.

Suitable as an all-in-one VMS solution for larger applications such as education, corrections, healthcare, law enforcement, logistics and more.

Designed to meet the high demands of processing a wide range of video content analysis with G-Core or as a separate Analytics Server.

Analog kit options are available to convert the unit into a Hybrid VMS.

All Geutebrück video servers are NDAA and TAA compliant.

# Technical data

## Software

<b>Operating System:</b> Windows 10 IoT Enterprise LTSC	<b>G-Core:</b> 6.2, 7.1 or newer with GPU support	<b>G-SIM:</b> 9.4.3, 10.0.1 or later with GPU support
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## Performance\*

<b>Record:</b> 750 Mbit/s database; 92 channels	<b>Viewer:</b> 360 Mbit/s; 38 channels	<b>G-Tect:</b> AD: 58 channels, VMD: 58 channels, VMX: 50 channels
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## Memory

<b>System:</b> 1x M.2 SSD (opt. 2x M.2 SSD Raid1)	<b>Image memory:</b> up to 8x HDD, hot swap, Raid 0,1,5 (max. 160TB)
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## System

<b>Processor:</b> Intel Core i7 12th gen. IoT	<b>Memory RAM:</b> 16GB DDR5 Single Dual Channel (opt. 64GB)	<b>Video outputs:</b> 4x DisplayPort V1.4a, 4K Resolution
<b>Audio output:</b> 1x stereo (line out, phone jack 3.5mm), display port	<b>USB:</b> Rear: 4x USB 3.2 (Gen1) Type A, 2x USB 3.2 (Gen2) Type A, 1 x USB 3.2 (Gen2) Type C Front: 2 x USB 2.0 Typ A	<b>Network interfaces:</b> 1x Port 10/100/1000 MBit/s base-TX iAMT 1x 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 ±10%, 2x 420W Hot-Swap	<b>Power consumption:</b> approx. 240W fully equipped (2x M.2 SSD, 8x HDD)

## Environment

<b>Operating temperature:</b> 0°C to +40°C	<b>Form factor:</b> 3U / 3HE	<b>Dimensions:</b> 19" rack mount unit: 3 U x 542 mm (depth); 482 x 133 x 542 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 mirrored, Raid 1	<b>Image storage:</b> up to 8x HDD, hot swap, Raid 0,1,5	<b>Network interfaces:</b> 5.35466   1 Port Gbit network card PCIe 5.35465   2 Port Gbit network card PCIe
<b>Memory RAM:</b> 1.02921   16GB RAM Kit (max. 64GB)		<b>Analog-Kit:</b> 0.02460   Analog-Kit H8 0.02470   Analog-Kit H16

\*Configuration: G-ST 6000+G3 with i7 and 16 GB RAM Video source: Scene OutdoorLively, 25fps, H.264, FullHD. Each test was performed separately. In combination the values are lower.

Order no. 0.60620