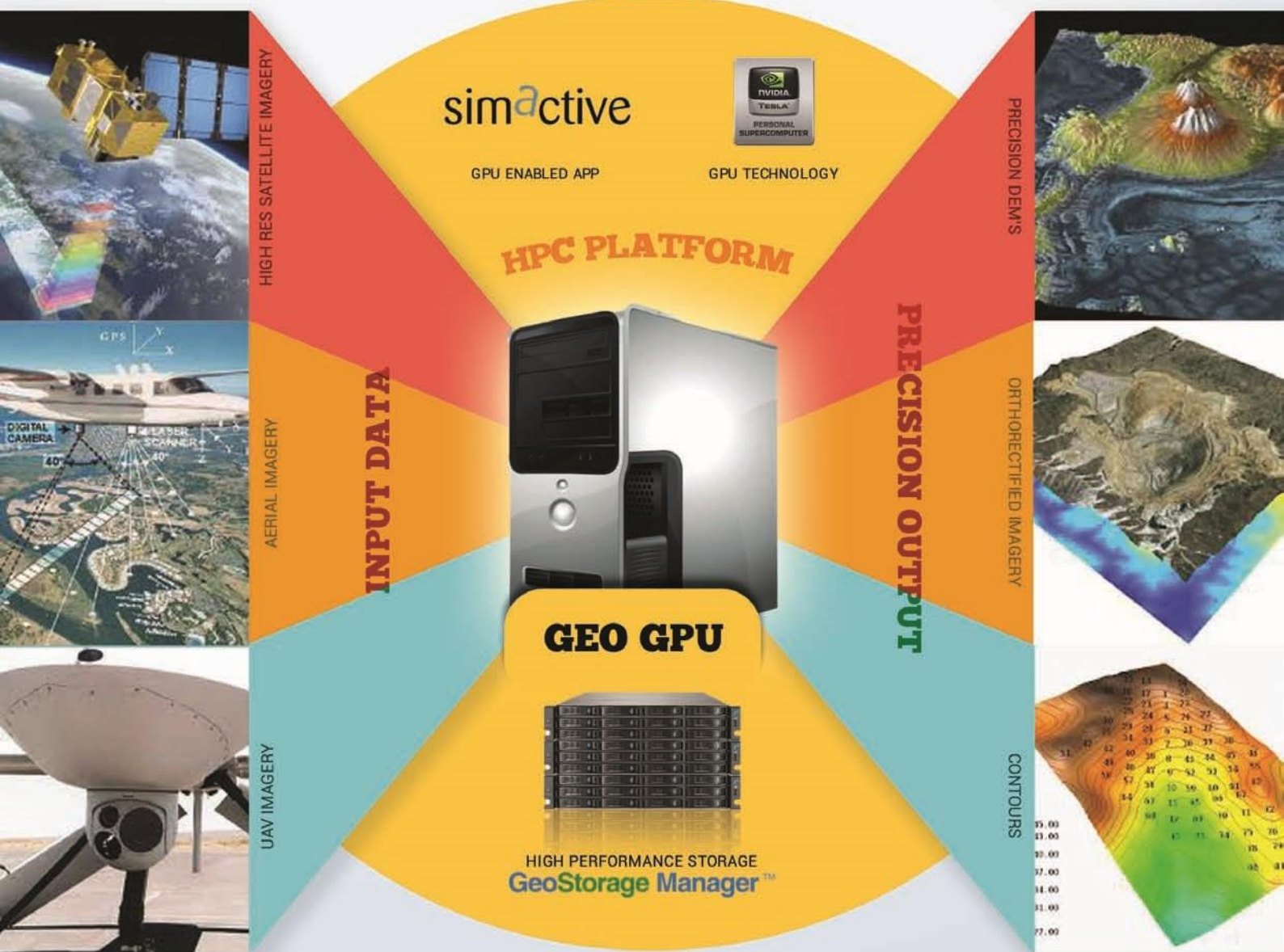


GeoGPU

ACCELERATED HIGH PERFORMANCE

GEOSPATIAL COMPUTING ECOSYSTEM



Specifications

- AMD Ryzen™ Threadripper™ 3990X (64 Core; 128 Threads, 2.90 GHz, Boost Clock 4.30 GHz)
- 128 GB DDR4 RAM
- 256 GB NVMe Internal Boot Drive
- 1 x 2 TB SSD SATA drive
- 1 X 12 TB SATA drive
- RTX 2080Ti GPU (11 GB GDDR6X; 4352 CUDA Cores)
- 1000 80+ Platinum PSU
- Full Tower Cabinet with cooling fans
- 31.5" (80.01cm) UHD 4K Monitor
- Windows 11 Pro 64-bit
- Compatible with GeoStorageManager
- 3 Years Warranty

PERFORMANCE FIGURES

PRODUCTION STATISTICS

Aerial

Sample Project		Processing Time	
Number of Images	1,000	Aerial Triangulation	3 hours
Image GSD	20 cm	DSM	36 hours
Frame Size	150 mp	DTM	1 minute
DEM Resolution	60 cm	Orthophotos	20 hours
Orthomosaic Resolution	20 cm	Orthomosaic	54 hours
Number of PC's	1	Total	113 hours

Satellite

Sample Project		Processing Time	
Number of Images	2	Aerial Triangulation	2 min
Image GSD	50 cm	DSM	45 min
Frame Size	1200 mp	DTM	1 min
DEM Resolution	1.5 m	Orthophotos	16 min
Orthomosaic Resolution	50 cm		
Number of PC's	1	Total	64 min

UAV

Sample Project		Processing Time	
Number of Images	300	Aerial Triangulation	4 min
Image GSD	5 cm	DSM	52 min
Frame Size	20 mp	DTM	1 min
DEM Resolution	25 cm	Orthophotos	34min
Orthomosaic Resolution	5 cm	Orthomosaic	78 min
Number of PC's	1	Total	2.8 hours

OFFERING COMPLETE ACCELERATED HIGH PERFORMANCE
GEOSPATIAL COMPUTING SOLUTION