THALES
Building a future we can all trust

Horus200 and SR800
High-Performance Server

- High processing power
- Passive cooling
- High reliability under demanding conditions
- Minimal maintenance
- Versatile use
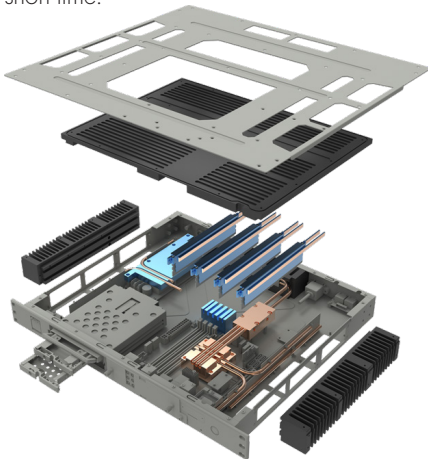
Horus200 and SR800
High-Performance Server

Fanless high-performance servers for civil and military applications, designed for challenging heat, shock, vibration and humidity conditions.

Horus200

SR800

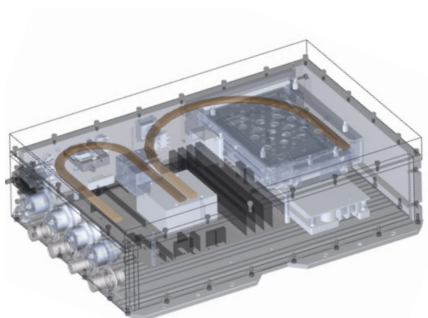## Versatile applications in military and civil environments

The high-performance Horus200 and SR800 servers are used wherever information superiority is to be guaranteed: On platforms covering a wide range of applications as civil protection, rescue organisations, transportation, military (sea, air, land) or heavy industry.

The extremely robust servers convince with their powerful performance, mechanical protection, passive cooling and an easy maintenance concept. Reliable performance in the harshest environment: be it heat, shock, vibration, humidity or EMI (Electromagnetic Interference)/EMC (Electromagnectic Compatibility) conditions.

The modular design, the two form factors (19 inch and vehicle) and the Thales installation kit allow customised adaptations in a short time.

Structure of Horus200

Structure of SR800

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Technical Data Horus200/SR800

Processor
High-performance processor: Intel® Xeon® processor D-1587 (frequency 1.7 GHz, Turbo Boost frequency up to 2.3 GHz), 16-Core, 32 Thread Support, 24 MB SmartCache. Build-in Turbo Boost Technology 2.0, VPro and Hyper-Threading Support

Memory
Memory type: 4 x DIMMs up to 128 GB ECC RDIMM DDR 4 2133 MHz
Chipset: SoC, integrated with CPU

Graphics
Graphics Processor: ASPEED AST2400
Resolution: Up to 1920x1200 @ 60 Hz 32 bpp

Storage media
Solid State Drives: 2x 2.5" SSD (removable without tools)

Ethernet
Horus200: Quad Gigabit Ethernet via Intel® i350-AM2 Dual 10GBase-T LAN via Intel® X557-AT2 Realtek RTL8201N PHY (dedicated IPMI)
SR800: 1x Intel® I350AM2 Gigabit LAN Interfaces (10/100/1000 Mbps)

Rear I/O
Horus200: 1x VGA, 2x USB 3.0 2x USB 2.0, 6x Ethernet, 1x RS232, 1x IPMI*, ON/OFF, Erase, CMOS Battery Tray, LEDs
SR800: 1x VGA, 2x USB 3.0 1x USB 2.0, 2x Ethernet, 1x RS232, 1x IPMI*, ON/OFF, Erase, CMOS Battery Tray, LEDs
* IPMI: Intelligent Platform Management Interface v2.0

Power supply / temperature
24 VDC (12...40 VDC, Max 150W, MIL STD 1275E)
0...50°C (operation), -40...85°C (storage), passive cooling

Dimensions / Weight / IP Protection
Horus200: 19" x 12.8" x 1.75" (1U) / 10.6 kg / IP50
SR800: 10.25" x 13.75" x 4" / 9.6 kg / IP54

Environmental conditions
Shock, vibration, drop, humidity: MIL-STD-810 G
EMC: MIL-STD-461 E or equivalent civilian standards