ZABBHD | 2U RACK-MOUNT

IT System Server – ZABBHD



OVERVIEW

The IT System Server (2U), ZABBHD, is a rack-mount server for enterprise data centers and broadcast server rooms, built for ZABBHD, the IT operations management platform from HD UltraSoft. It gives operators one central view of the health, performance and availability of servers, storage, network and broadcast equipment. It reads only the operating-status and resource-utilisation metrics that each managed device reports about itself.

SPECIFICATIONS

Component	Specification
Form factor	2U rack-mount
CPU	Intel® Xeon® 16 cores, 2.3 GHz
RAM	256 GB DDR5 ECC
Storage	3.84 TB SSD NVMe
Network card	2 × 25 GbE SFP28 ports
Power supply	Redundant, hot-swappable power supplies
Warranty	Advanced Replacement Warranty, 24 months

Key features

1 High-capacity equipment

Xeon® 16 cores · 256 GB DDR5 ECC

The 16-core Intel® Xeon® (2.3 GHz) and 256 GB DDR5 ECC memory give ZABBHD the headroom to display the operating status of the servers, virtual machines and devices in the system — CPU, memory, disk, temperature, fans and power supplies — over SNMP, with or without an agent on Windows and Linux.

2 Fast storage for history and reports

3.84 TB SSD NVMe

The 3.84 TB NVMe SSD keeps long-term history on the server, so graphs, dashboards and reports open quickly and capacity planning can forecast disk, CPU and memory usage.

3 High-speed connectivity

2 × 25 GbE SFP28

Two 25 GbE SFP28 ports connect the server to core switches over fiber or DAC cabling and can be paired for redundancy. Availability checks confirm that managed devices and services respond, and measure how long they take to respond.

4 Fault and performance alerting

On-screen · email · escalation

Thresholds and severity levels raise an alert on faults or performance breaches, with device-dependency correlation so only the root problem is signalled. Operators are notified on screen and by email, with escalation by service level.

5 Visualization

Dashboards · status maps

Widget-based dashboards, status maps, real-time and historical graphs, and slideshows for operations-room displays.

6 Continuous 24/7 operation

Redundant PSUs · HA · 24-month warranty

Built to stay online: redundant power supplies keep ZABBHD running through a supply failure, and the faulty unit is swapped out live. Scale to an HA cluster, backed by a 24-month Advanced Replacement Warranty.

16 cores Intel® Xeon®, 2.3 GHz	**256 GB** DDR5 ECC memory	**3.84 TB** SSD NVMe
2 × 25 GbE SFP28 ports	**Redundant** Hot-swappable power supplies	**24 months** Advanced Replacement Warranty