

WebiSmarts System

Main Control (Workstation) CAT: BAK-3814

Radiation Detection Division

WebiSmarts is a web-based software package which receives online radiation data from DPU-3 Area Monitors which are strategically installed throughout the cyclotron lab. Users can access Maps showing radiation levels on color coded Points thus presenting a detailed yet concise radiological map.

All the data is fed through the Ethernet to a Lenovo P360 TW i9-13900K/32GB/1TB SSD/WIN 11 PRO Desktop Computer Workstation or equivalent, which acts as a Server to all browsers on the network.



Lenovo P360 TW

The ThinkStation P360 Ultra workstation takes flexibility to the next level by providing 32 Gbytes of RAM, 1TB Hard Drive, up to 7 USB ports, including 2 Thunderbolt™ 4 ports with 40Gbps* bidirectional connections to maximize performance throughput. Dual onboard ethernet and WiFi 6E** options ensure access to superfast networking connectivity. And power supply availability up to 300W, you can push your system to the limit.

Technical Data - Minimum Requirement

Processor: Intel® Core™ i9-13900K, 24C (8P + 16E) / 32T, Max Turbo up to 5.8GHz,
P-core 3.0 / 5.4GHz, E-core 2.2 / 4.3GHz, 36MB

Operating System: Windows 11 Pro Desktop

Memory: 2 x 16 GB UDIMM DOR5-4800 Non ECC

Storage: 1 TB SSD M.2 2280 PCIe 4.0 x 4 Performance NVMe.

Dimensions (H x W x D): 202mm x 87mm x 223mm / 8.7" x 3.4" x 7.9"

Weight: 1.8kg

Color: Thunder Black

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