

# WS5010A

Unmatched Power,  
Unlimited Possibilities



## AMD EPYC™ Platform Solution

High core density, superior bandwidth and outstanding performance — all achieved by a single 3<sup>rd</sup> Generation AMD EPYC™ processor that accomplishes what traditionally dual CPUs can do.

## Application

- 8K Video Live Editing
- Post Processing
- Visual Effect Production
- AI and Machine Learning

## As Expandable as Possible

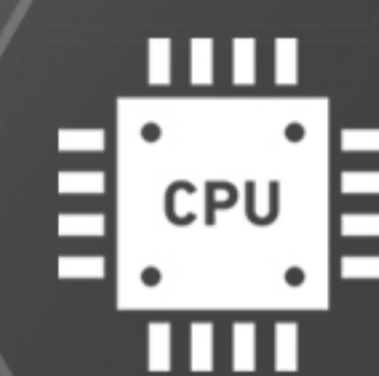
Up to 4 PCIe Gen4 x16 slots are double-width spacing, allowing ample room for GPU or accelerator cards to speed up computational workloads such as scientific research, financial analysis, engineering task, and 3D modeling.

## Hybrid Storage Configurations

Designed for different user scenarios, the workstation supports 16 x 2.5" U.2 NVMe SSD or 8 x 2.5" SATA + 8 x 2.5" NVMe option to satisfy storage demand of increasing amount of data.

## Ground-breaking Power Performance

2+1 redundant power supply units give the system ultimate power to support compute intensive applications without sacrificing power efficiency. The platinum level certification guarantees efficient power usage that reduces energy cost.



One 3<sup>rd</sup> Generation  
AMD EPYC™  
Processor



16 x DDR4 RDIMM



2.5" SATA/NVMe Drives



2+1 Redundancy,  
Platinum Level



5U Tower/Rackmount



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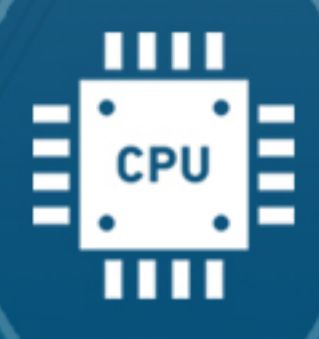
## Specifications



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### Processor

One 2<sup>nd</sup>/3<sup>rd</sup> Generation AMD EPYC™ Processor, up to 64 Cores, 240W (TDP)



### Memory

16 x DDR4 3200MHz RDIMM



### Storage

#### • Drive Module

16 x 2.5" Hot-swap U.2 NVMe SSD or 8 x 2.5" Hot-swap SATA + 8 x 2.5" Hot-swap NVMe Drives

#### • LED

1 x Activity LED and 1 x Fault LED per SSD

#### • Internal

1 x NVMe M.2 (2280/22110)



### Front Panel

1 x Power Button / 1 x Reset Button  
1 x Drive Activity LED / 1 x System Status LED  
1 x USB 3.1 Gen2 Type-A  
1 x USB 3.1 Gen2 Type-C / 2 x USB 2.0  
1 x SD 4.0 Card Reader  
1 x Microphone / 1 x Headphone



### Rear Panel

1 x RJ45 Port for Management  
1 x RJ45 Port for 1GbE Ethernet  
4 x USB 3.1 Gen1 / 2 x USB 2.0  
1 x VGA  
1 x Line-in, 1x Line-out  
1 x Microphone



### Expansion Slots

4 x PCIe Gen4 x16 Slots, 1 x PCIe Gen4 x8 Slot



### Management

1 x ASPEED AST2500 BMC  
Support Intelligent Platform Management Interface v.2.0



### TPM

1 x TPM 2.0 Module



### PSUs

2+1 Redundant 1300W Platinum Power Supplies



### Fans

4 x 92\*38mm, 2 x 80\*38mm



### Chassis Dimensions (H x W x D)

18.08" x 8.54" x 26.96" /  
459.3mm x 217.0mm x 684.7mm



### • Operating Temperature

5°C to 35°C (41°F to 95°F)

### • Non-operating Temperature

-40°C to 70°C (-40°F to 158°F)

### • Operating Relative Humidity

8% to 90%RH

### • Non-operating Relative Humidity

10% to 95%RH



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