

**Model: IWS-I58-PS**  
**Series: IRIS**



**High Performance Enterprise Workstation**

\* Workstation design may changed based on latest available design



## OVERVIEW

The AADONA IRIS IWS-I58 series Workstations are the perfect solution for high performance computing needs in enterprise data networks. Designed and made in India, these workstations are built with self-reliance and national interest in mind.

The series comes in a range of variants that cater to specific customer requirements, with support ranging from 1G LAN ports to 10G LAN ports, different variants of graphic cards and other additional hardware

The workstations are equipped with powerful processors and advanced components that allow for efficient and seamless computing performance.

The IRIS IWS-I58 series Workstations are designed to handle complex and demanding computing tasks, making them ideal for businesses and organizations that require high-speed and reliable computing solutions. Additionally, the workstations are built with energy efficiency in mind, helping to reduce energy consumption and costs.

The AADONA IRIS IWS-I58 series Workstations are the perfect choice for businesses and organizations seeking high-performance computing solutions that are reliable, efficient, and made in India. Product comes with industry standard 3 year warranty and can be offered with 5 year warranty based on project requirements.

## FEATURES

- High-performance Enterprise Workstation.
- 3 year comprehensive warranty.
- Made in India product.
- Powered by Intel ® Xeon ® W processor with ECC memory
- Control Center - A software utility that provides convenient, secure and cost-saving centralized IT management for small and medium businesses.
- Server-grade design with built-in dual Intel Gigabit LAN.
- Next-gen transfer speeds - Up to 32Gbps dual M.2 and U.2, plus up to 10Gbps USB 3.1 Type-A and Type-C connections.
- Ultra-efficient VRM heatsink - Metal fin array connected to large surface area via a heatpipe tames thermals to enable unthrottled performance.

## SPECIFICATIONS

Model	<b>IRIS-IWS-I58-PS</b>
CPU	2nd Generation Intel® Xeon® Scalable Processors Intel® Xeon® W-3200 Processor Family Single processor, TDP up to 205W
Chipset	Intel® C621 Chipset
Memory	8 x DIMM slots DDR4 memory supported only 6-channel memory architecture RDIMM modules up to 128GB supported LRDIMM modules up to 128GB supported Supports Intel® Optane™ DC Persistent Memory (DCPMM) 1.2V modules: 2933/2666/2400/2133 MHz
LAN	2 x 1Gb/s LAN ports (Intel® I210-AT) 1 x 10/100/1000 management LAN
STORAGE	2 x SlimSAS for 8 x SATA III 6Gb/s ports
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM
RAID	Intel® SATA RAID 0/1/10/5
Expansion Slots	Slot_7: 1 x PCIe x16 (Gen3 x0 or x8 bus) slot Slot_6: 1 x PCIe x16 (Gen3 x16 or x8 bus) slot, shared with Slot_7 Slot_5: 1 x PCIe x16 (Gen3 x0 or x8 bus) slot Slot_4: 1 x PCIe x16 (Gen3 x16 or x8 bus) slot, shared with Slot_5 Slot_3: 1 x PCIe x16 (Gen3 x0 or x8 bus) slot Slot_2: 1 x PCIe x16 (Gen3 x16 or x8 bus) slot, shared with Slot_3 Slot_1: 1 x PCIe x4 (Gen3 x4 bus) slot  1 x M.2 slot: - M-key - PCIe Gen3 x4 per slot - Supports NGFF-2280 cards
Internal I/O	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x 6-pin ATX 12V power connector (for PCIe slot) 2 x SlimSAS connectors 1 x M.2 slot 1 x CPU fan header 6 x System fan headers 1 x USB 3.0 header 1 x TPM header 1 x VROC connector 1 x Front panel header 1 x Buzzer
Rear I/O	4 x USB 3.0 1 x VGA 1 x COM 2 x RJ45 1 x MLAN 1 x ID button with LED

OS Supported	Windows Server 2012 R2 with Update Windows Server 2016 Windows Server 2019
	Red Hat Enterprise Linux 6.9 (x64) or later Red Hat Enterprise Linux 7.3 (x64) or later Red Hat Enterprise Linux 8.0 (x64) or later Red Hat Enterprise Linux 9.0 (x64) or later
	SUSE Linux Enterprise Server 11 SP4 (x64) or later SUSE Linux Enterprise Server 12 SP2 (x64) or later SUSE Linux Enterprise Server 15 (x64) or later
	Ubuntu 16.04.1 LTS (x64) or later Ubuntu 18.04 LTS (x64) or later Ubuntu 20.04 LTS (x64) or later
	VMware ESXi 6.0 Update3 or later VMware ESXi 6.5 or later VMware ESXi 6.7 or later VMware ESXi 7.0 or later VMware ESXi 8.0 or later
	Citrix Xenserver 7.1.0 CU2 or later Citrix Xenserver 7.4.0 or later Citrix Hypervisor 8.0.0 or later
Board Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X) web interface
	Dashboard JAVA Based Serial Over LAN HTML5 KVM Sensor Monitor (Voltage, RPM, Temperature, CPU Status ...etc.) Sensor Reading History Data FRU Information SEL Log in Linear Storage / Circular Storage Policy Hardware Inventory Fan Profile System Firewall Power Consumption Power Control LDAP / AD / RADIUS Support Backup & Restore Configuration Remote BIOS/BMC/CPLD Update Event Log Filter User Management Media Redirection Settings PAM Order Settings SSL Settings SMTP Settings
PSU Connectors	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x 6-pin ATX 12V power connector (for PCIe slot)
Operating Properties	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Retail Packaging Content	1 x MU71-SU0 1 x I/O shield 1 x Quick start guide 2 x SlimSAS for 8 x SATAIII 6Gb/s cables 1 x Non-Fabric CPU carrier Single Box dimensions: 360 x 330 x 80 mm Carton dimensions: 674 x 424 x 385 mm Quantity: 10 x single boxes in one carton



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