



Powerful Workstation

AS4T-RTP7T-A

Apogean Single Socket
AMD Ryzen™
Threadripper™ PRO 9000/
7000 WX-Series and AMD
Ryzen™ Threadripper™
9000/7000 Series
Processors Workstation



Features

- Supports AMD Ryzen™ Threadripper™ PRO 9000/7000 WX-Series and AMD Ryzen™ Threadripper™ 9000/7000 Series Processors
- 4 x DDR5 DIMMs Supports Quad Channel ECC Registered memory, up to 7600+ (OC)
- 3 PCIe 5.0 x16, 2 PCIe 4.0 x16
- Realtek ALC1220 7.1 CH HD Audio, Nahimic Audio
- 4 x 3.5"/2.5" or 2x3.5" + 2x2.5" SATA Drive Slots
- 1 Blazing M.2 (PCIe Gen5x4), 1 Hyper M.2 (PCIe Gen4x4), 1 MCIO (PCIe Gen5x4)
- 1 USB 3.2 Gen2x2 Type-C (Rear), 1 USB 3.2 Gen2 Type-C (1 Rear), 4 USB 3.2 Gen2 Type-A (Rear), 2 USB 3.2 Gen1 Rear, 2 USB 2.0 (Front)
- Marvell 10 GbE LAN, Realtek 2.5 Gigabit LAN
- 802.11ax WiFi 6E + Bluetooth

www.apogean.in →

Specifications – AS4T-RTP7T-A

Unique Feature

• Superb Productivity

- PCIe Gen5 (Graphics, M.2)
- Quad Channel DDR5

• Rock-Solid Durability

- Ultra Low-Loss PCB
- 18+3+3 Power Phase, 110A SPS for VCore
- Pre-Installed I/O Shield
- 20K Long-lasting Black Caps (high quality and conductive polymer capacitors)

• Ultrafast Connectivity

- 10G LAN, 2.5G LAN, 802.11ax Wi-Fi 6E Module EZ Update
- BIOS Flashback Button

• CPU

- Supports AMD Ryzen™ Threadripper™ PRO 9000/7000 WX-Series and AMD Ryzen™ Threadripper™ 9000/7000 Series

• Processors

- Supports AMD Socket sTR5
- Supports Hyper BCLK Engine

• Chipset

- AMD TRX50

• Memory

- Quad Channel DDR5 Memory Technology
- 4 x DDR5 DIMM Slots
- Supports DDR5 ECC, buffered memory (RDIMM/ RDIMM-3DS) up to 7600+(OC)
- Max. capacity of system memory: 1TB

• BIOS

- 256Mb AMI UEFI Legal BIOS with GUI support

• Graphics

- n/a

• Audio

- 7.1 CH HD Audio with Content Protection (Realtek ALC1220 Audio Codec)
- Impedance Sensing on Rear Out port
- Individual PCB Layers for R/L Audio Channel
- Nahimic Audio

• LAN

- 1 x 10 Gigabit LAN
- 100/1000/2500/5000/10000 Mb/s (Marvell AQC113)
- Support Wake-On-LAN
- Support PXE
- 1 x 2.5 Gigabit LAN 10/100/1000/2500 Mb/s (Dragon RTL8125BG)
- Supports Dragon 2.5G LAN Software
- Smart Auto Adjust Bandwidth Control
- Visual User Friendly UI
- Visual Network Usage Statistics
- Optimized Default Setting for Game, Browser, and Streaming Modes
- User Customized Priority Control

• Wireless LAN

- 802.11ax Wi-Fi 6E Module
- Supports IEEE 802.11a/b/g/n/ac/ax
- Supports Dual-Band 2x2 with extended 6GHz band support*
- 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology
- Supports Bluetooth 5.2 + High speed class II
- Supports MU-MIMO

• Slots

CPU:

- 3 x PCIe 5.0 x16 Slots (PCIe1/PCIe3 at x16; PCIe4 at x8)*
- 1 x PCIe 4.0 x16 Slot (PCIe2), supports x4 mode*
- 1 x PCIe 4.0 x16 Slot (PCIe5), supports x8 mode*

Chipset:

- 1 x M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module
- 15µ Gold Contact in VGA PCIe Slots

• Storage

CPU:

- 1 x Blazing M.2 Socket (M2_1, Key M), supports type 2260/2280 PCIe Gen5x4 mode*
- 1 x M.2 PCIe Gen5x4 Connector
- 2 x SlimSAS SFF-8654 Connectors (PCIe Gen4x4 or 4 x SATA3 6.0 Gb/s)

Chipset:

- 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2260/2280 PCIe Gen4x4 mode*
- 4 x 3.5"/2.5" or 2x3.5" + 2x2.5" SATA Drive Slots



• RAID

- Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices
- Supports RAID 0, RAID 1 and RAID 10 for M.2 NVMe storage devices*

• USB

CPU:

- 1 x USB 3.2 Gen2x2 Type-C (Rear)
- 4 x USB 3.2 Gen2 Type-A (Rear)

Chipset:

- 1 x USB 3.2 Gen2 Type-C (Rear)
- 2 x USB 3.2 Gen1 Type-A (Rear)
- 2 x USB 2.0 (Front)

• Rear Panel I/O

- 2 x Antenna Ports
- 1 x Optical SPDIF Out Port
- 1 x USB 3.2 Gen2x2 Type-C Port (20 Gb/s)
- 4 x USB 3.2 Gen2 Type-A Ports (10 Gb/s)
- 1 x USB 3.2 Gen2 Type-C Port (10 Gb/s)
- 2 x USB 3.2 Gen1 Type-A Ports
- 2 x RJ-45 LAN Ports
- 1 x Clear CMOS Button
- 1 x BIOS Flashback Button
- 1 x Line Out Jack (Gold Audio Jack)
- 1 x Microphone Input Jack (Gold Audio Jack)

• Software and UEFI

Software

- Motherboard Utility (A-Tuning)
- Dragon 2.5G LAN Software
- Polychrome SYNC

UEFI

- Full HD UEFI
- Auto Driver Installer
- Instant Flash

Form Factor

- Tower

Power Supply

- Single 500W, 550W, 600W, 650W, 750W, 850W, 950W, 1000W, 1200W, 1500W.

Operating System

- Microsoft Windows® 10 64-bit / 11 64-bit, Ubuntu.

Certifications

- BIS, QCI, ISO 9001, 14001, 27001