

# Apogean Tower Server/Workstation with Intel® Xeon® 6700/6500 Series Processors

IS4T-X6-G / IS8T-X6-G



## Key Features

- Single Intel® Xeon® 6700/6500-Series Processors
- 8-Channel DDR5 RDIMM / MRDIMM, 8 x DIMMs
- Dual ROM Architecture
- 4/8 x 3.5"/2.5" SATA Drive Slots
- 2 x M.2 slots with PCIe Gen5 x2 interface
- 5 x PCIe Gen5 x16 and x8 expansion slots
- 2 x 1Gb/s LAN ports via Intel® I210-A

[www.apogean.in](http://www.apogean.in) →

Items pictured may only be representative.



### Specifications:

#### • Form Factor

Tower (Tower Convertible to Rackmount - Optional)

#### • CPU

Intel® Xeon® 6 Processors

- Intel® Xeon® 6700-Series Processors

- Intel® Xeon® 6500-Series Processors

Single processor, TDP up to 350W

#### • Socket

1 x LGA 4710

Socket E2

#### • Chipset

System on Chip

#### • Memory

8 x DIMM slots

Support DDR5 RDIMM/MRDIMM [1]

8-Channel memory per processor

RDIMM: Up to 6400 MT/s

MRDIMM: Up to 8000 MT/s

#### • LAN

2 x 1Gb/s LAN (2 x Intel® I210-AT)

- Support NCSI function

1 x 10/100/1000 Mbps Management LAN

#### • Video

Integrated in ASPEED® AST2600

- 1 x VGA port

#### • Storage

##### Drive Slots:

4/8 x SATA Drive Slots

##### Note – Hot Swap Drives Bays are Optional.

- RAID/HBA Card is needed for SAS and NVMe Drives connectivity

##### M.2:

2 x M.2 (2280/22110), PCIe Gen5 x2

#### • RAID

Onboard VROC key header

#### • Expansion Slots

Slot\_7: PCIe x16 (Gen5 x16)

Slot\_6: PCIe x16 (Gen5 x16)

Slot\_4: PCIe x16 (Gen5 x16)

Slot\_2: PCIe x16 (Gen5 x16)

Slot\_1: PCIe x16 (Gen5 x8)

#### • Rear I/O

4 x USB 3.2 Gen1 ports (Type-A)

1 x VGA port

1 x Serial port

2 x RJ45 ports

1 x MLAN port

1 x ID button with LED

#### • Security Module

1 x TPM header with SPI interface

Optional TPM2.0 kit: CTM010

#### • Board Management

ASPEED® AST2600 Baseboard Management Controller

Management Console web interface

- Dashboard
- 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
- Advanced power capping
- 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

#### • Power Supply

Single – 650, 750, 850, 1000, 1200, 1600, 2000W

Redundant – 550, 800, 1200, 1600, 2000, 2400, 2700W

#### • Operating Properties

Operating temperature: 10°C to 40°C

Operating humidity: 8% to 80% (non-condensing)

Non-operating temperature: -40°C to 60°C

Non-operating humidity: 20% to 95% (non-condensing)