

Apogean Intel Xeon W-3500/3400 and W-2500/2400 Processors Single Socket Workstation

IS4T-W3-G/ IS8T-W3-G



Key Features

- Single Intel® Xeon® W-3500/3400 Processors
- Single Intel® Xeon® W-2500/2400 Processors
- 4-Channel DDR5 RDIMM, 8 x DIMMs
- 2 x 2.5Gb/s LAN ports via Intel® I226-LM
- 4/8 x Drive Slots
- 3 x M.2 slots with PCIe Gen4 x4 interface
- 1 x M.2 slot with PCIe Gen3 x1 interface for Wi-Fi add-in cards
- 4 x PCIe Gen5 x16 expansion slots
- 1 x PCIe Gen3 x4 expansion slot

www.apogean.in →



IS4T-W3-G/ IS8T-W3-G

Specifications:

• Form Factor

Tower

• CPU

Intel® Xeon® W-3500 Processors [1]
Intel® Xeon® W-2500 Processors
Intel® Xeon® W-3400 Processors [1]
Intel® Xeon® W-2400 Processors
Single processor, TDP up to 385W

• Socket

1 x LGA 4677

• Chipset

Intel® W790

• Memory 8 x DIMM slots

Support DDR5 RDIMM
4-channel memory per processor
Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)

• LAN

2 x 2.5Gb/s LAN (2 x Intel® I226-LM)
1 x 10/100/1000 Mbps Management LAN

• Video

Integrated in ASPEED® AST2600
- 1 x VGA port

• Storage

4/8 x Drive Slots
3 x M.2 (2280), PCIe Gen4 x4, from PCH

• Audio

Realtek® ALC897 HD Audio Codec
Supports 2/4/5.1/7.1 channel configurations
3 x Audio jacks (Audio in/Audio out/Mic)

• RAID

Intel® SATA RAID 0/1/10/5
Onboard VROC key header

• Expansion Slots

Slot_7: PCIe x16 (Gen5 x16), from CPU
Slot_6: PCIe x16 (Gen5 x16), from CPU
Slot_5: PCIe x16 (Gen5 x16), from CPU
Slot_4: PCIe x16 (Gen5 x16), from CPU
Slot_2: PCIe x16 (Gen3 x4), from PCH

• Rear I/O

1 x USB 3.2 Gen2x2 port (Type-C)
5 x USB 3.2 Gen2x1 ports (Type-A)
1 x VGA port
1 x Serial port
2 x RJ45 ports
1 x MLAN port
3 x Audio jacks
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

• OS Compatibility

CentOS Stream 9
Debian 11.5.0
Red Hat Enterprise Linux 9.0
Ubuntu 22.04 LTS
Windows 11 Enterprise

• 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)

