SV111 Inference Server [NEW]



Feature

- Dual NVIDIA® Jetson AGX Thor™ T5000
- 2U Rack-Mount Design
- 2x Gigabit Ethernet RJ-45
- OOB Management and ERMI Support
- QSFP28 for 100GbE Fiber Connectivity
- Hot-Swap Redundant Power Supply for 24/7 Availability

Specifications

Model	SV111
NVIDIA Module Compatibility	NVIDIA Jetson T5000™
Structure	2U Rack Mount with Rack Ears 2x D333 with T5000 inside 4x FAN (Each D333 supporting FAN x 2), 12V/24W
Temperature	Operating temperature: 0°C ~ 40°C (32°F ~ 104°F), IEC 60068, air flow: 0.7m/s Storage temperature: -10°C ~60°C (14°F ~ 140°F), IEC 60068 Storage Humidity: 5 ~ 95% @ 40°C, Non-Condensing
Reliability	Vibration: ISO 60068, 2G Operating Shock: ISO 60068, 2G Operating Drop: ISTA Project 2A
External I/O	**Front Side** **Zone 1:** 1x USB Type C for BSP Flash 1x USB Gen 2 Type A 1x HDMI type A for HDMI 2.0 (3840 x 2160 at 60Hz) 2x RJ-45 for Giga LAN (right for OOB) QSFP28 for Fiber 100G 1x Power button 1x Recovery button **Zone 2:** 1x USB Type C for BSP Flash 1x USB Gen 2 Type A (right for OOB) 1x HDMI type A for HDMI 2.0 (3840 x 2160 at 60Hz) 2x RJ-45 for Giga LAN QSFP28 for Fiber 100G 1x Recovery button
Internal I/O	2x M.2 2280 NVMe M Key for SSD (Each D333 has one on board)
Security	TPM: Yes Each D333 has one TPM (TI SLB9672XU2.0) on board
System Storage	2x M.2 2280 NVMe M Key for SSD (Default: Pre-Installed 1TB SSD for each M Key)
Power Supply	Redundant Power 550W 100V ~ 127V / 200V ~ 240V

All specifications are subject to change without prior notice.

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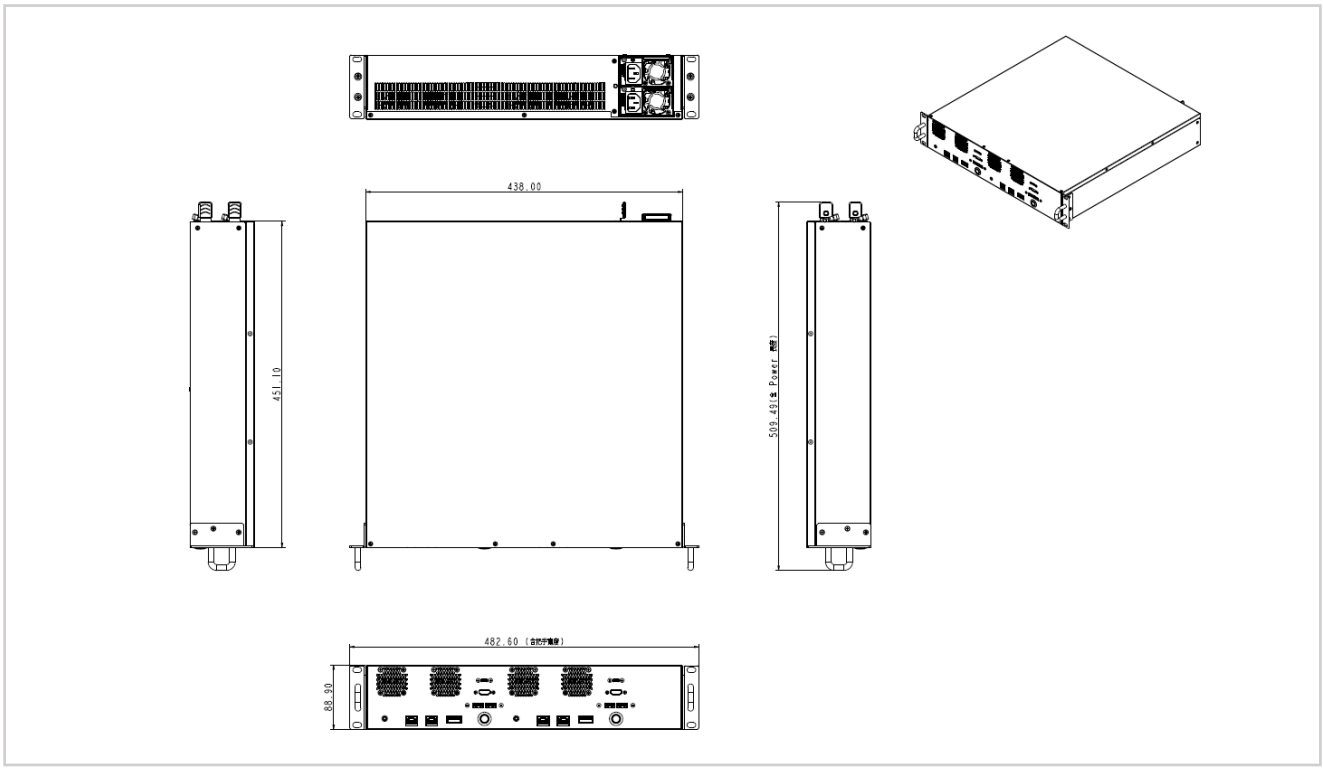
Specifications

RTC Battery	Support RTC battery and battery life monitoring by MCU
Mechanical Info	W: 438 mm x L: 451.1mm x H: 88.9mm (without wall mount & power) W: 482.6 mm x L: 509.5mm x H: 88.9mm (with wall mount & power)
Certification	CE, FCC, VCCI, KC (TBD)
Others	Two D333 carrier boards are connected via external QSFP28 Fiber
Package	1x AI Inference Server 2x Power Cord (By region)

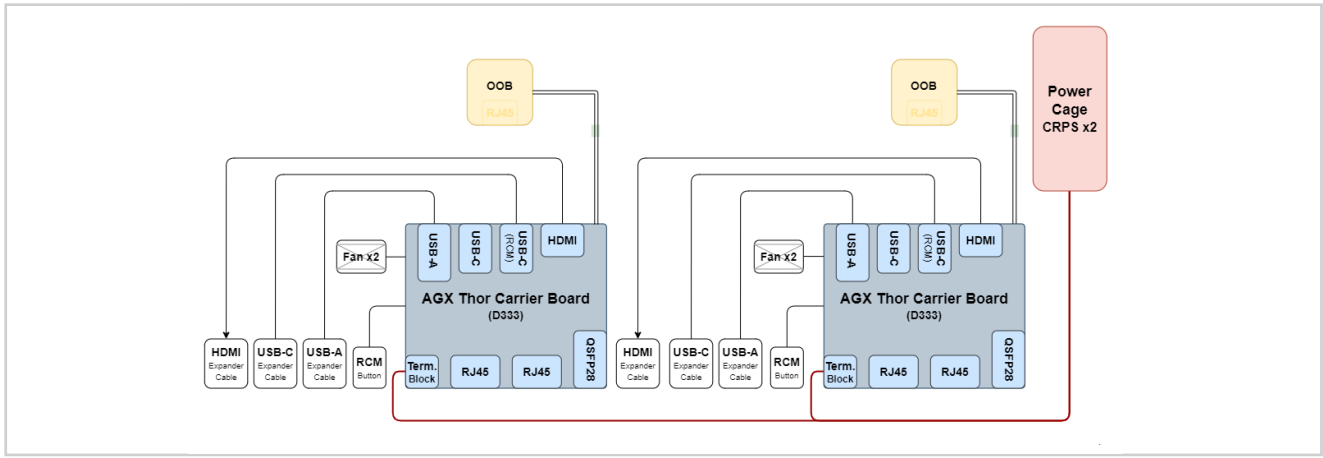
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Dimensions



Block Diagram



Ordering information

Model Name	Part Number	Description
SV111	61SV111001AB	AI Inference Server equips Dual Powerful NVIDIA Jetson T5000™

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