

AITAS-TA700

AI Technology of APLEX Solution

Industrial Panel PC

HMI Cotroller

Industrial Display Monitor

AI

Features



The AITAS-TA700 is the 4U workstation PC which having High performance & Computing system. The AITAS-TA700 providing the necessary computational power and resources to develop, train, and deploy advanced AI models and applications efficiently. The feature following as below:

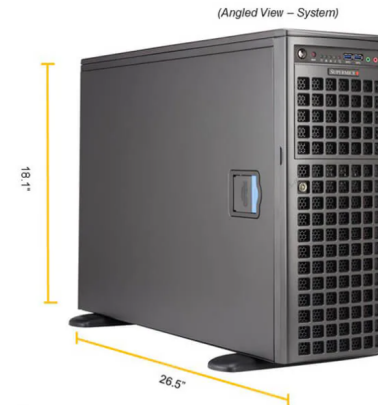
- Support AMD Ryzen Threadripper PRO 5955WX Series Processor
- 4 x M.2 slots: PCIe 4.0 x4 (Software RAID 0, 1, 5 & 10)
- 1 x 10GBase-T LAN port, 1 x 1GbE LAN port (shared with IPMI)
- Support Up to 1 quad-width or 2 triple-width or 4 double-width or 4 single-width GPU(s)
- Operating Temperature: 10~35°C
- Support stand alone and rack mount



Specifications

System	
Processor	Single processor(s) AMD Ryzen Threadripper PRO 5955 WX-Series
Core Count	16 Core
Memory	Slot Count: 8 DIMM slots Max Memory (1DPC): Up to 2TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Max GPU Count	Up to 1 quad-width or 2 triple-width or 4 double-width or 4 single-width GPU(s)
Drive Bays Configuration Storage	Default: Total 6 bay(s) • 2 front fixed 2.5" SATA* drive bay(s) • 4 internal fixed 3.5" SATA* drive bay(s) (*SATA support may require additional storage controller and/or cables, please see the optional parts list for details)
M.2	4 x M.2 PCIe 4.0 x4 NVMe slot(s) (M-key 22110(default)/2280) (NVME Gen 4 available to support dual M.2 AI accelerator, Phison aiDAPTIV+)
LAN	1 x RJ45 1 GbE LAN port(s) (Intel® I210-AT) (IPMI shared on LAN port 1) 1 x RJ45 10 GbE LAN port(s)
USB	2 x USB 3.2 Gen1 Type-A port(s) (rear) 2 x USB 3.2 Gen1 Type-A port(s) (front) 1 x USB 3.2 Gen2 Type-C port(s) (Rear) 5 x USB 3.2 Gen2 Type-A port(s) (Rear) 2 x USB 3.2 Gen2 Type-A port(s) (Front) 1 x USB 3.2 Gen2 Type-C port(s) (Front)
Video	1 x VGA port(s)
Serial	1 x COM port(s) (Rear)
Audio	7.1 HD Audio
TPM	1 x TPM header

Dimensions



Operating Environment	
ROHS	RoHS Compliant
Environmental Spec	Operating Temperature: 10~35°C (50~95°F) Non-operating Temperature: -40~60°C (-40~140°F) Operating Relative Humidity: 8%~90% (Non-Condensing) Non-operating Relative Humidity: 5%~95% (Non-Condensing)

Power Supply	
Dimension (WxHxL)	150 x 86 x 200 mm
+12V	Max: 100A / Min: 0.1A (100Vac-115Vac)
5V SB	Max: 4A / Min: 0A
AC Input	1200W: 100-115Vac / 50-60Hz 2000W: 200-264Vac / 50-60Hz
Output Type	24pin ATX

Dimensions and Weight	
Height	460 mm
Width	178 mm
Depth	673 mm
Package	12.7" (H) x 27" (W) x 37.5" (D)
Weight	Gross Weight: 57 lbs (25.85 kg) Net Weight: 52.9 lbs (24 kg)
Available Color	Black

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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