

IAD7T-RK2U

14th Gen Intel® Core™ i5 /i7/i9 2U Rack Server



KEY FEATURES

- Intel® 14th Gen Intel® Core™ i5 /i7/i9 processors. Intel vPro® Essentials Platform Eligibility
- Support TPM 2.0 Function
- Two front 2.5" SATAIII disk drive for RAID 0/1 support Fan custom cooling system.
- With NVIDIA graphics cards, it can process large of complex data to implement AI functions at the edge
- Compliance with IEC 618503, IEC600682-64, IEC 60068-22

INTRODUCTION

Winmate's 2U Rack Server Series delivers highperformance computing and scalability, ideal for demanding data center and enterprise applications. Powered by optional Intel® Core™ processors, it supports up to 64GB of memory for handling complex workloads with ease. Designed for space efficiency and reliability, it features a compact form factor, flex ATX power supply, and versatile storage options like SATA and NVMe SSDs. With Intel® vPro and Trusted Platform Module (TPM) support, it ensures robust security and seamless remote management for modern IT infrastructure.

SPECIFICATIONS

System Specification			
Processor	Intel® Core™ i5 processor 14500T 24M Cache, up to 4.80 GHz Intel® Core™ i7 processor 14700T 33M Cache, up to 5.20 GHz (Optional) Intel® Core™ i9 processor 14900T 36M Cache, up to 5.50 GHz (Optional)	Chipset	Intel® R680E
Memory	2 x SO-DIMM DDR5 4800 MHz, 8+8GB 16+16GB (Optional) 32+32GB (Optional)	Storage	1 x M.2 2280 M-Key NVMe SSD 256GB 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB 2 x SATA III for 2.5" SSD/HDD(RAID support) (Optional)
Ethernet controller	2 x Intel® 2.5 Gigabit Ethernet Controller	Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)	WLAN	Support (Optional)
BT	Support (Optional)	Graphic Card	NVIDIA® RTX A2000 Ada 12GB Graphic Card (Optional) NVIDIA® RTX 4000 SFF Ada Graphic Card (Optional) NVIDIA® GeForce RTX 4060 8GB Graphic Card (Optional) NVIDIA® GeForce RTX 4060 Graphic Card (Optional) NVIDIA® RTX 4000 Ada Graphic Card (Optional)
Mechanical			
Dimension	482.6 x 300 x 88 mm	Weight	7.8 kg
Mounting	2U Rack mounting	Enclosure	Electroplated steel
Cooling System	Fan Design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		

Certification

Certification	CE, FCC
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IO Ports

Power Input	1 x 3 Pin AC Plug for Flex 2U Power Supply.	USB Port	Front side 2 x USB2.0 (Type-A) Rear side 4 x USB 3.2 Gen2x1 (10Gbps) (Type-A)
Video	1 x DP1.4a DP++ , Max resolution up to 4096x2160@60Hz 1 x HDMI 2.0b , Max resolution up to 4096x2160@60Hz (Optional)	Audio	Mic in Line out
Expansion Port	1 x M.2 2230 E-Key Slot (for Wi-Fi module) 1 x PCIe 4.0 (x16) slot Swappable 2.5" HDD/SSD Bay Slot (Optional)	LAN	2 x 2.5GbE RJ45 Connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage 2 x LED Indicator for LAN		

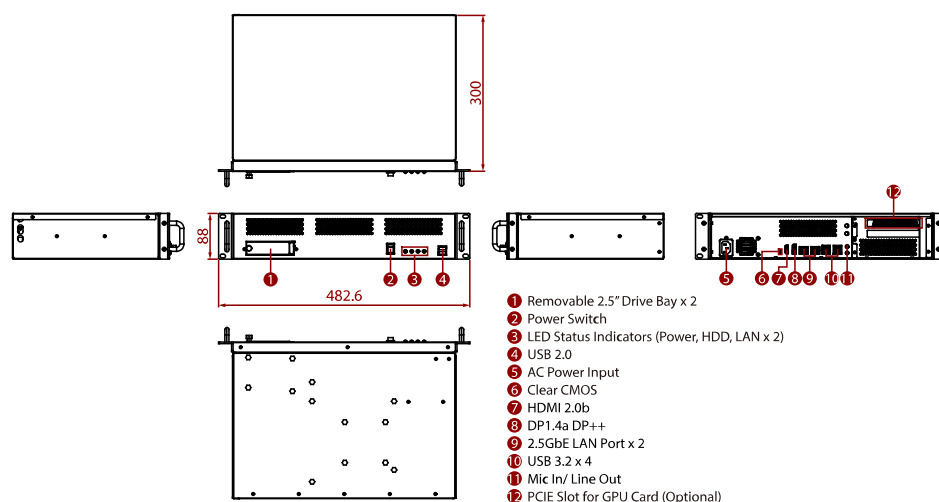
Control

Button	1 x Front side Power Switch 1 x Rear side Power Switch(power input control) 1 x Clear CMOS Button
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Accessory

Accessory	Power Cord Quick Start Guide
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DIMENSIONS UNIT:MM



NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.