



IAD7T-RK2U 14th Gen Intel(R) Core(TM) i5 /i7/i9 2U Rack Server

Manufacturer part number: IAD7T-RK2U | Rack Server



Explore Winmate IAD7T-RK2U, an industrial computer solution featuring Intel(R) Core(TM) i5 for industrial automation and embedded systems.

System Specification	
Processor	Intel(R) Core(TM) i5 processor 14500T 24M Cache, up to 4.80 GHz (Default), Intel(R) Core(TM) i7 processor 14700T 33M Cache, up to 5.20 GHz (Optional), Intel(R) Core(TM) i9 processor 14900T 36M Cache, up to 5.50 GHz (Optional)
Chipset	Intel(R) R680E
Memory	2 x non-ECC SO-DIMM RAM, up to 64GB (32GB per DIMM)
Storage	128GB SSD (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB (Optional), 2TB (Optional), 4TB (Optional), 2 x SATA III for 2.5" SSD/HDD up to 2TB (RAID support) (Optional)
Ethernet controller	2 x Intel(R) 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 24.04(Do not support Wake on Touch) (Optional)
WLAN	Support (Optional)
BT	Support (Optional)
Graphic Card	NVIDIA RTX A1000 Graphic Card (Optional), NVIDIA RTX A2000E 12 GB Graphic Card (Optional), NVIDIA RTX 2000E Ada Graphic Card (Optional), NVIDIA RTX PRO 2000 BlackwellGraphic Card (Optional), NVIDIA RTX PRO 4000 Blackwell SFF Graphic Card (Optional), NVIDIA RTX 4000E Ada Graphic Card (Optional), NVIDIA RTX A4000E Graphic Card (Optional), NVIDIA RTX PRO 4000 Blackwell 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 deg C to 50 deg C
Storage Temperature	-10 deg C to 60 deg C
Certification	
Certification	CE, FCC

IO Ports	
USB Port	Front side 2 x USB2.0 (Type-A), Rear side 4 x USB 3.2 Gen2x1 (10Gbps) (Type-A)
LAN	2 x 2.5GbE RJ45 Connector
Video	1 x DP1.4a DP++ , Max resolution up to, 4096x2160@60Hz (Default), 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) (Default), 1 x PCIe 4.0 (x16) slot (Optional)
Indicator	1 x LED Indicator for power, 1 x LED Indicator for storage, 2 x LED Indicator for LAN
Power Input	1 x 3 Pin AC Plug for Flex 2U Power Supply.
Control	
Button	1 x Front side Power Switch, 1 x Rear side Power Switch(power input control), 1 x Clear CMOS Button
Accessory	
Accessory	Power Cord, Quick Start Guide