

The4thware Industrial Computer

12th/13th Generation Intel Core Series Platform

T4WP-WEBS45J1



PRODUCT SPECIFICATION

Specification	
M/B	WADE-8213
CPU	12th/13th Gen Intel® Core™ Processors in LGA1700 package (35W TDP)
BIOS	AMI uEFI BIOS
Memory	Up to 64GB DDR5 4800 on two SO-DIMM sockets
Storage	2x SATAIII ports
Watchdog Timer	Programmable watchdog timer
TPM	TPM 2.0
H/W Status Monitor	System monitor (Voltage and Temperature)
Expansion	- 1x M.2 E Key 2230 with PCIe x1, CNVI for Wireless - 1x M.2 M Key 2242/2260/2280 with PCIe x4 and SATA3 for SSD
Serial Port	4x COM ports (1 x RS- 232/422/485)
Display	- 3x DP, resolution up to 8K - 1x HDMI
USB	- 3x USB 3.2 Gen 2 (2x Type A+ 1x Type C) - 3x USB 3.2 Gen 1 - 6x USB 2.0
Audio	Audio Jack with Line-out / Line-in with Realtek ALC897 Audio controller
Ethernet	- Intel® I210AT(1GbE) and Intel® I225LM(2.5GbE) Ethernet controller - 2x RJ45 connectors
GPIO	1x Programmable 8-bit Digital I/O
Other	- 2x Antenna holes for Wi-Fi module - 1x EXT Power Switch
Power Input	DC 12V ~ 36V with 3-pin Terminal Block Connector

PRODUCT SPECIFICATION

Operation Temperature	-20°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
Relative Humidity	40°C, 95%RH non-condensing
Operation Vibration	1Grms/10-500Hz, IEC 60068-2-6
Operation Shock	50G, 11 msec, IEC 60068-2-27
Dimension	253 (W) x 201(D) x 111.8 (H) mm
Weight	4.5 Kg
Mounting	Wall mounting