

WTP-9K66-15/22

New Bezel Free Series

Leading Full Sealed IP69K Rated HMIs

*Perfect for High Hygiene Industrial Automation Solutions
Food & Beverage / Pharmaceuticals / Packaging*

Key Features

- ✓ 15" / 21.5" Intel® Core Ultra 125U Fanless Panel PC with IP66/69K waterproof and anti-corrosion enclosure for extreme environments.
- ✓ TPM 2.0 on board for enhanced security and protection of sensitive data.
- ✓ Dual channel DDR5 memory (up to 48GB) for fast and efficient data handling.
- ✓ Wide voltage range (12~36V DC input), supporting flexible installation in diverse environments.
- ✓ M12 stainless connectors ensure reliability in industrial and hazardous environments.

Key Benefits



Hygienic Design

Full-sealed IP66/69K rating and bezel-free design ensure easy cleaning and prevent contamination.



Space-Saving Installation

Compact, fanless design with M12 connectors for simple integration and reduced equipment footprint.



Durable and Reliable

SUS 304L stainless steel housing resists corrosion, providing long-lasting performance in harsh environments.



Our Commitment

- RoHS Compliance
- REACH Compliance
- Green Manufacturing



WTP-9K66-15/22

Specification

Model	WTP-9K66-15	WTP-9K66-22
CPU / Graphic	Intel® Core™ Ultra processors 125U, 15 W / Intel® Arc™ Graphics	
Memory	Dual Channel DDR4 3200 MHz ,2 x 260 SO-DIMM, up to 64GB	
TPM	TPM2.0 on Board	
OS Support	Optional Windows 10 (64 bit) / Windows 11 (64 bit)	
Display		
Size	15" 4:3	21.5" 16:9
Resolution (pixel)	1024 x 768 (XGA)	1920 X 1080 (FHD)
Number of Colors	16.2M colors	16.7M colors
View Angle (H/V)	160(H) / 150(V)	170(H) / 160(V)
Brightness (nit)	350 nits	250 nits
Contrast Ratio	800 : 1 (Typ)	1000 : 1 (Typ)
Touch Screen		
Touch Screen Type	Full flat resistive touch or Full flat P-cap Touch w/Normal, Auto-lock, Auto-two points Mode	
Light Transmission	80 ± 5%	80 ± 5%
Hardness/ Lifetime	≥3H / 35M times	≥3H / 35M times
Touch mode	Normal mode	Normal mode
Storage	1 x 2.5" SATA HDD drive bay (with anti-vibration mechanism), 1 x M.2 (Key M, 2242/2260/2280) with PCIe4 (Gen4) for SSD	
Expansion	1 x M.2 (Key B, 3042/3052) with PCIe1, USB3.2, USB2.0 and SIM for 4G/5G 1 x SIM socket connected to M.2 key B 1 x M.2 (Key E, 2230) with PCIe Gen 4, USB2.0 and CNVi for Wireless	
Configuration	STD. (M12 Connector)	
USB	1 x M12 8pin for USB 2.0 1/2, 2 x USB 3.2 Gen2 (Type-C, Support DP1.4a display output, Power output 5V/3A)	
COM	2 x M12 8pin for COM 1 & COM2 (RS-232/422/485)	
LAN	1 x M12 8pin for LAN 1	
Power Control Key	1 x M12 5pin DC Power Connector Rear bottom: Power on /off	
DC in	1 x DC-In connector, DC 12~36V	
Power adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68	
Temperature	Operating Temperature 24V DC Input 0~40°C (IEC60068-2-56, air flow cooling, HDD) / 24V DC Input 0~50°C (IEC60068-2-56, air flow cooling, SSD) Storage Temperature -20~60°C	
Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
Water/Dust resistance	IP66 / NEMA4X / IP69K	
Housing	SUS304 stainless steel enclosure, chassis type	
Dimensions (net:mm)	379 x 303 x 58	550 x 341.7 x 58
Weights (net: kg)	6.5 kg	9.5 kg
Mounting	VESA 100*100, side mount (M6*2)	
Certification	CE (EMC) / FCC-B / VCCI Class B, Canada ICES-003	