WTPE-9H66-15W/22W

Explosion Proof Panel PC

ATEX Zone II, C1D2, C2D2

Hazardous Environments Reliable Performance

WTPE-9H66-15W/22W sets new industry standards with outstanding computing power, fanless design, exclusive hot swappable COM port, wide voltage cable support up to 100M, and robust enclosure.

Key Features

- ☑ High performance Intel Raptor Lake processor with innovated intelligent thermal to meet fanless, energy saving and secure reliablility.

- ☑ Leading IP69K stainless steel body and passes rigorous T5 tests and IIC certification ensuring wide usage under hazardous environment.

- ☑ Wide voltage 9-32V power cable with extending up to 100M facilitating installation in hazardous area.

- ☑ Exclusive hot swappable COM port design support unique and easy to installation on hazardous area.

- ☑ Certified for C1D2, C2D2, IECEx ATEX zone 2, FCC, CE, etc.

Key Benefits

Engineering Excellence:
Intelligent cooling with high computing to reach fanless, IP69K enclosure, wide operating temperature, and passing rigorous T5, IIC certification.

User-Friendliness
Human machine interface with full waterproof enclosure, easy to install port under hazardous area, and allowing up to 100 meter power cable.

Aesthetic and Green Design
Llegant silver stainless steel with round corners,robust antenna, energy saving and recyclable materials enhanced safety, comfort and sustainability.

Our Commitment

· **RoHS Compliance**
· **REACH Compliance**
· **Green Manufacturing**

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intel partner Gold IoT Solutions

WTPE-9H66-15W/22W
Specification

Model	WTPE-9H66-15W	WTPE-9H66-22W
CPU	FCBGA1356 13th generation Intel® Core i5 / i7 processor (15W max.)	
Graphic	Intel® integrated Iris Xe Graphics	
Memory	Two 5200 MHz DDR5 SODIMM socket support dual Channel, non-ECC, up to 64GB	
OS Support (Optional)	Windows 10 IoT Enterprise LTSC / WIN 11 IoT Enterprise LTSC	
Storage	Storage 1 X 2.5" SATA SSD	
Expansion	Expansion 1 x M.2 Type E	
Size	15" 4:3	21.5" 16:9
Display	1024 x 768 (XGA) / 16.7M colors / 160(H) / 160(V) 450 nits / Contrast Ratio: 600 : 1	1920 x 1080 (FHD) / 16.7M colors /178(H) / 178(V) 250 nits / Contrast Ratio: 5000 : 1
Touch Screen	Full flat projective capacitive touch panel / Light Transmission: 80+-5% / Hardness:4H pencil / Life: 490,000 time	
Swappable M12, 8pin (I.S. Output, Support EX ic, Extension Cable to Ex ic Devices)	Configuration A: 2 x COM for RS232 Configuration B/C: 1 x USB2.0, 1 x COM for RS232 Configuration D: 2 x USB2.0	
Cable Gland M16 (Max. Output x 4, Must be Installed by User)	2 x USB 2.0 (EX ec) 2 x LAN (EX ec, i219LM for Vpro) 1 x COM for RS232/422/485 (EX ec)	
Power Adapter	100W with 24V DC output, with 1.2M cable, PSE	
Temperature	Operating Temperature -20 ~ 60 °C, without freezing (IEC60068-2-56, air flow cooling) Storage Temperature -20 ~ 60°C	
Humidity	Operating & Storage:10 ~ 90%, non-condensing	
Water / Dust resistance	IP66 / NEMA4X	
Housing	Stainless steel (SUS304), Chassis Type	
Dimensions (Net)	435 mm (H) x 350 mm (V) x 84 mm (T)	557 mm (H) x 348.5 mm (V) x 84.5 mm (T)
Weights (Net)	11 kg	13 kg
Mounting	VESA 100 x 100	
Certification	EMC: FCC, CE (EMC), VCCI Class B, Canada ICES-003, Safety: IEC-62368 IECEx, Class 1 Division 2 Group A, B, C, D T4 (Config. A, B/C, D) ATEX Zone2 EX II 3G Ex ic ec IIC T4 Gc IP66 Class 2 Division 2 Group F, G (configuration A B/C, D), ATEX Zone22 EX II 3D EX tc IIIC T135C Dc IP66(compliance)	