Titan2 Series

Rugged IP69K Stainless Industrial Panel PC





Features

- 15.6”/21.5”/23.8" New Generation Stainless Steel Panel PC
- 11th Gen Intel® Core™ i5/i3 BGA type processor
- Full IP69K rating for dust and water ingress
- Corrosion-resistant 304 Stainless Steel Enclosure (316 as Option)
- All M12 type connectors suite for harsh environments
- Optional for optical bonding and high brightness (1000 nits)
- Standard VESA, Yoke/Pipe mount (Optional)

Optional Accessories

- M12 Connector to DB-9 Cable, 2 M
- M12 Connector to 2xUSB2.0 Cable, 2 M
- M12 Connector to 2.5GbE LAN Cable, 2 M
- M12 Connector to 1xUSB3. 2 Gen.1 Cable, 2 M
- M.2 SSD: 128GB (default), 256GB (option)
- Wireless Modules:
  Wi-Fi kit (w/ antenna), LTE/5G kit (w/ Antenna)
- AC/DC Adapter: Adapter 24V 160W, M12 Connector

Software Support

- Windows® 10 IoT Enterprise/LTSC 64-bit

Ordering Information

Model	CPU	Memory	Storage
Titan2-15WP-TGL-i5	Core i5-1145G7E	8GB	128GB
Titan2-21WP-TGL-i5	Core i5-1145G7E	8GB	128GB
Titan2-24WPH-TGL-i5	Core i5-1145G7E	8GB	128GB
Titan2-15WP-TGL-i3	Core i3-1115G4E	8GB	128GB
Titan2-21WP-TGL-i3	Core i3-1115G4E	8GB	128GB
Titan2-24WPH-TGL-i3	Core i3-1115G4E	8GB	128GB

Accessory	Description	Length
Titan2 DB9 cable	M12 A-code 8P to DB9F	2M
Titan2 LAN cable	M12 X-code 8P to RJ45	2M
Titan2 USB2.0 cable	M12 A-code 8P to USB2.0x2	2M
Titan2 USB3.0 cable	M12 X-code 8P to USB3.0	2M

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Specifications

Model Name	Titan2-15WP-VESA	Titan2-21WP-VESA	Titan2-24WP-VESA
System Core			
Processor	Intel® Core™ i5-1145G7E 1.5GHz 15W (4 Cores) Intel® Core™ i3-1115G4E 2.2GHz 15W (2 Cores)		
Memory	DDR4 up to 64 GB		
I/O Interface			
USB	1x M12 for 2x USB 2.0 (A-coded) with waterproof cover		
Ethernet	1x M12 for 2.5GbE LAN (X-coded)with waterproof cover		
Serial Ports	1x M12 for RS-232/422/485 (default RS-232, A-coded) with waterproof cover		
Power Input	1x M12 for DC power (T-coded)		
Expansion Slot	1x M.2 E-key 2230 (PCIe+USB2.0) for optional WIFI/BT 1x M.2 B-key 3042 (USB2.0+USB3.2 Gen1) for optional LTE/5G		
Storage	1x M-key 2280 (SATA-III) for SSD		
Optional	2 x optional blank M12 connectors with waterproof covers for selecting from the following options: 1 x USB 3.2 Gen.1 1 x 2.5GbE LAN Optional integrate RFID/Camera at front bezel		
Mechanical			
Size	15.6"	21.5"	23.8"
Dimensions (H x W x D)	252.7 x 387.36 x 55	329.19 x 521.4 x 55	364.36 x 584.94 x 55
Gross Weight	7 kg	10 kg	13 kg
Mounting	VESA 100x100/200 x 100(23.8") mm Mounting, Yoke/Pipe mount options		
DC Input	24V DC		
Environmental			
Operating Temperature	STD : -10~50°C	STD: 0~50°C High Brightness LCD Model: 0~40°C	STD: 0~40°C
Storage Temperature	-20°C ~ + 60°C (excluding storage)		
Humidity	~95% @ 40°C (104°F) (non-condensing)		
Vibration	Operating : 10 ~ 500 Hz, 1.87G for X, Y, Z (IEC 60068-2-64)		
Shock	Operating: 30 G, half sine 11ms duration (w/ SSD) for 15.6" and 21.5" Operating: 20 G, half sine 11ms duration (w/ SSD) for 23.8"		
Drop	Refer to ISTA 1A		
EMC	EN61000-6-4/-2, CE, FCC Class B		

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