



21.5" FHD IP66/IP69K Stainless Steel Panel PC
Intel 12th Gen. Core i3-1215U, 1x DDR4 SO-DIMM, 1x M.2 2242, 5 Wire
Resistive Touch Window, 9~36V DC power input with Adapter

MODEL: ASP2150-i5-FTR

FEATURES:

- 21.5" New Generation Stainless Steel Panel PC
- Intel 12th Gen. Core i3-1215U
- True Flat Front Bezel Design and Grade 304 Stainless Steel Enclosure
- IP66/IP69K Rated with M12 Connectors
- 5 Wire Resistive Touch Window
- RAM: Non-Industrial Grade 16GB DDR4 SO-DIMM
- SSD: M.2/256GB/TLC/PCIe GEN3x4/2280/M KEY
- OS: WINDOWS 11 PRO/64bit/FQC-10529
- LAN Cable *2: TM-35A-M12-RJ/12-08BFFM-SL7A01 8P(F) TO RJ45(8P8C)L=3m
- COM Cable *2: TM-35A-M12-COM/12-08BFFM-SL7A01 8P(F) TO DB-9P(M) L=3m
- LAN Port: Extra LAN Port
- COM Port: Extra COM Port
- Accessory: 1 x M12 USB Cable

SPECIFICATION:

SYSTEM	
CPU	Intel 12th Gen. Core i3-1215U
System Chipset	SoC
Memory	Non-Industrial Grade 16GB DDR4 SO-DIMM
TPM	TPM 2.0
I/O PORT	
USB	1 x M12 8-pin for USB 2.0 with waterproof cover
Serial / Parallel	1 x M12 8-pin COM1, RS-232/422/485, default RS-232, with waterproof cover
Others	1 x Touch on/off button at the side
LAN	1 x M12 8-pin for LAN with waterproof cover
Power Connector	1 x M12 3-pin for DC power with waterproof cover 1 x Power switch on the rear
STORAGE SPACE	
M.2	M.2/256GB/TLC/PCIe GEN3x4/2280/M KEY
EXPANSION	
Expansion slot	1 x M.2 3402/3052 B-key (PCIe x1, USB3.2 Gen1) for optional LTE/5G module 1 x M.2 2230 E-Key (USB2.0, PCIe x1) for optional Wi-Fi/BT module 1 x Nano-SIM card
RFID module	RFID module design on the front side (for option)
DISPLAY	
Display Type	21.5" TFT-LCD
Max. Resolution	1920x1080
Max. Color	16.7M
Luminance (cd/m ²)	250
View Angle	178(H) /178 (V)
Contrast	1000:1
Backlight Lifetime	50,000 hrs
TOUCHSCREEN	
Type	5 Wire Resistive Touch
Interface	USB
Light Transmission(%)	Resistive Touch : 80%
POWER	
Power Input	DC 9~36V
Power Consumption	89.06W

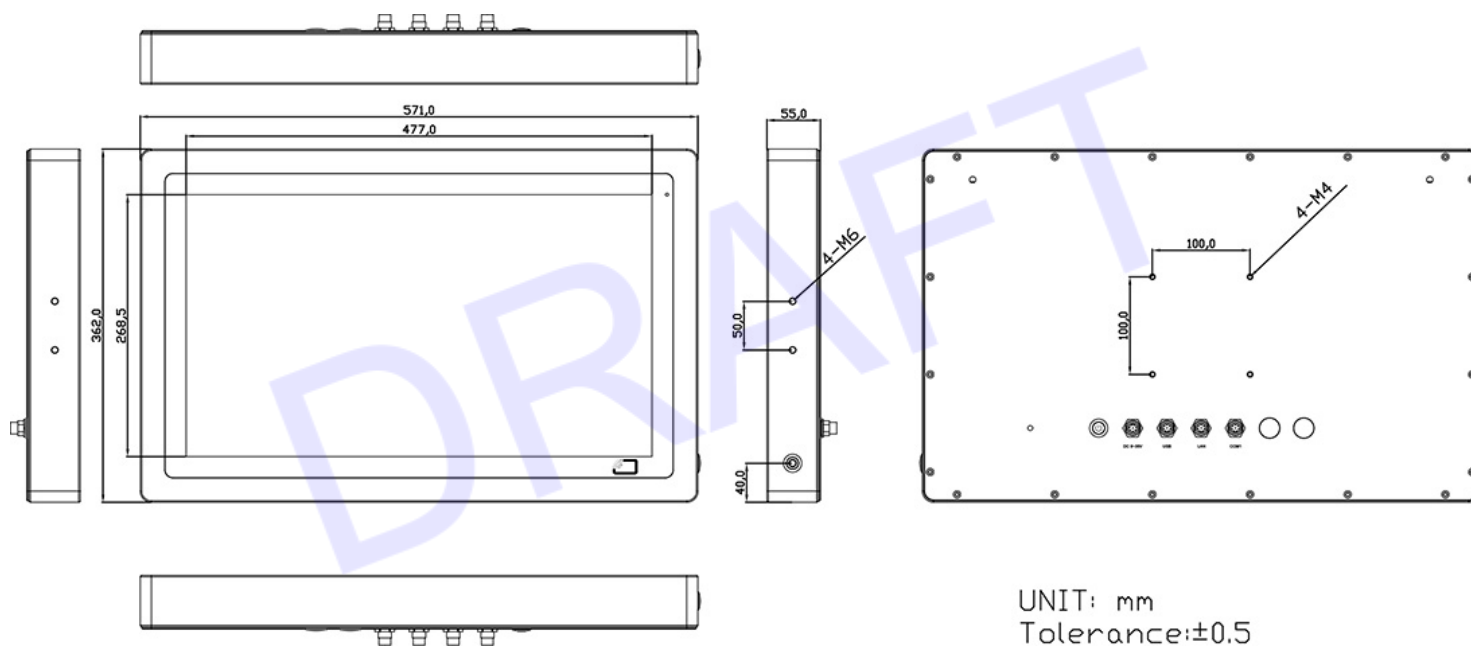
Modified: 09-14-2026

MECHANICAL	
Construction	304 Stainless steel chassis(default), 316 Stainless steel chassis(optional)
Mounting	VESA mount 75 x 75, Yoke mount for optional
Dimensions (WxHxD)	571 x 362 x 55 mm
IP Rating	Total IP66/IP69K
Net Weight	9.75 kg
ENVIRONMENTAL	
Operating Temperature	0~50°C / -20~60°C (option)
Storage Temperature	-30~70°C
Storage Humidity	10 to 95% @ 40°C, non-condensing
Certificate	CE/FCC Class A, UL
OPERATING SYSTEM SUPPORT	
Windows 10, Windows 11	

**Specifications subject to change without notice, not responsible for typographical errors.*

DIMENSION:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: ASP2150-i5-FTR-09142026-V1