

8.0" TFT Fanless Touch Panel Computer with Intel® Apollo Lake N3350 1.1GHz Dual Cores Processor



■ Features

- 8.0" 400 nits high brightness TFT LCD with LED backlight
- 10-points Multi Capacitive Touch
- Enclosed in robust aluminum casings
- A true Flat, easy-to-clean front surface with edge-to-edge design
- USB3.0 Support Lock Device
- Front IP65 for protection against water and dust
- 12V DC-input , with EOS, OVP design

■ Specifications

Display

Screen Size	8.0" With LED Backlight
display color	400 nits
Resolution	16.7M
Viewing angle (H/V)	1024 x 768 @60Hz
Pixel Pitch	160°/160°
Aspect ratio	0.158 x 0.158mm
Contrast ratio	4:3
Brightness	700:1
Response time	30ms

I/O Connector

USB	2* USB3.0
Serial Port	1* RS232/422/485 + 1* RS232
Display Port	1* HDMI
Ethernet	1* Realtek® RTL8111H GbE
Power Input	1* Locking Jack 12V DC input
SIM card	1* SIM card slot
Power button	1* Power button

Power

AC version	100~240V AC-DC 60W power adapter or
DC version	12VDC with over current protection fuse
Power Consumption	13W

Touch Screen

Type	Projected capacitive
Active range	163.05 x 122.54mm ±0.2mm
Transparency	≥ 85%
Operating force	≤ 50g
Surface Hardness	≥ 6H(JIS-5400)
Glass haze value	≤ 3%

System

Processor	Intel® Apollo Lake N3350 1.1GHz/DC
Memory	1* DDR3L SO-DIMM (Max 8GB) 128MB SPI Flash ROM
Watchdog Timer	256 levels, 0~255 sec.
OS Support	Windows 10 / Linux

Storage

1* M.2 Socket (2242 size)

Expansion

1* Mini PCIe for WIFI or 3G/4G

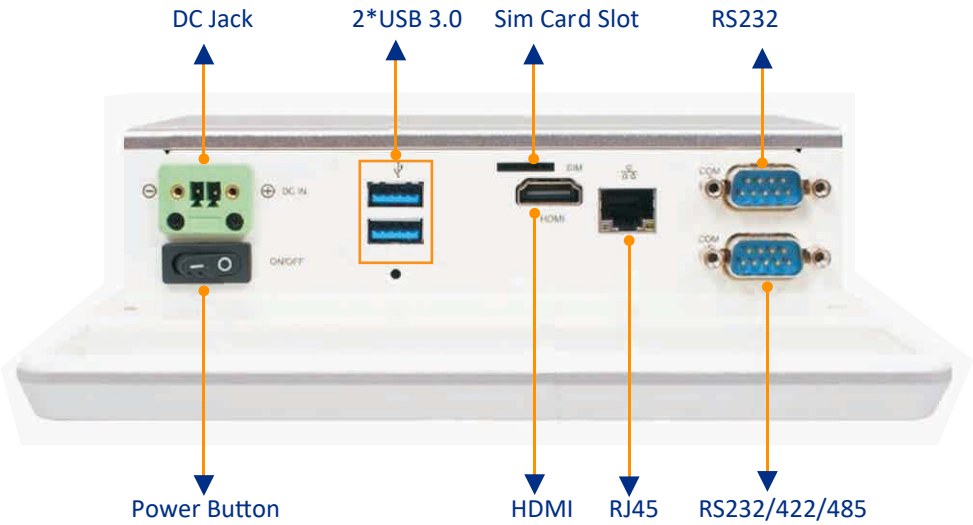
Environment

Operating Temp.	-10°C ~ 60°C
Storage Temp.	-20°C ~ 70°C
Protection	IP65 (Front) NEMA 4 metal front bezel
Shock	11ms duration
Vibration	5~500Hz/1 Grms

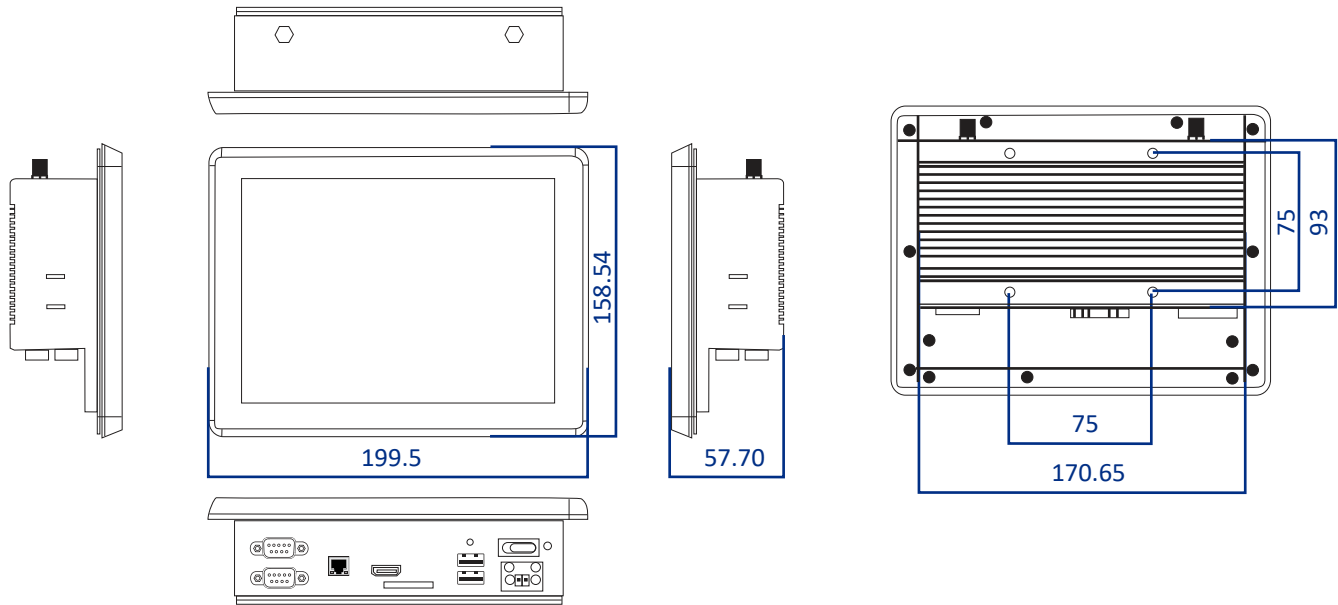
Physical

Construction	Aluminum panel Iron case Silver + white color Spray paint coating requirement
Dimensions (W x H x D) (mm)	199.05 x 158.54 x 57.70

■ Product I/O View



■ Mechanical Drawings (Unit = mm)



■ Ordering Codes

Model Number	Description
VTC-J080C-FP3350	8" panel PC, 1024 x 768 dpi, Processor, 1 x LAN, Up to 8GB DDR3 SO-DIMM, DC in power adapter

VTC-J080C-FP3350-09-04-2025