

# FM07P

## 7" Vehicle Mounted Computer



### KEY FEATURES

- 7" 1024 x 600 panel with projected capacitive multi-touch screen
- Intel® Celeron N3350 (Apollo Lake) Processor
- Shock and vibration resistance according to MIL-STD-810G
- Wide operating temperature range -20°C to 60°C
- Wide power input 9-36V DC with ignition optional isolation power solution
- Wi-Fi, BT WLAN and GPS for wireless connectivity



### SPECIFICATIONS

Display	
<b>Resolution</b>	1024x600
<b>Contrast Ratio</b>	700:1
<b>View Angles</b>	75,75,75,70
<b>Size</b>	7.0 inches
<b>Panel Brightness</b>	1000 nits
<b>Type</b>	Projected Capacitive Multi Touch Screen
System Specification	
<b>Processor</b>	Intel® Celeron® N3350 (2M Cache, up to 2.4 GHz) Intel® Pentium® N4200 (2M Cache, up to 2.5 GHz)(Optional)
<b>Memory</b>	1 x SO-DIMM, 4GB DDR3L 1600 MHz 1 x SO-DIMM, 8GB DDR3L 1600 MHz(Optional)
<b>Storage</b>	1 x M.2 2242 SSD 64GB
<b>Ethernet controller</b>	1 x Intel® Ethernet Controller I210-AT
<b>Operating System</b>	Windows 10 IoT Enterprise Linux Ubuntu 18.04(Optional)
<b>WLAN</b>	802.11 a/b/g/n/ac mode
<b>BT</b>	BT Support
<b>WWAN</b>	4G/LTE(Optional)
<b>GNSS</b>	GPS/AGPS
Environment	
<b>Operating Humidity</b>	10% to 95% RH
<b>Operating Temperature</b>	-20°C to 60°C
<b>Storage Temperature</b>	-20°C to 60°C
<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I, 30 g for 18 ms
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I, 1.60/ 1.96/ 2.18 g rms for XYZ/ 5-500 Hz
<b>IP rating</b>	Front IP65
<b>Impact</b>	Support EN62262 IK70 Rating
<b>ESD</b>	Compliant with EN 61000-4-2, enhanced ESD to ±12kV direct & ±15kV air
IO Ports	
<b>USB Port</b>	2 x USB
<b>Serial Port</b>	1 x COM Port
<b>SIM Card Slot</b>	1 x SIM Card Slot
<b>Audio</b>	1x Speaker
<b>LAN</b>	1 x Gigabit Ethernet LAN 10/100/100 Mbps (M12 type)
<b>Indicator</b>	Power, HD
<b>DIDO</b>	DIDO
Control	
<b>Button</b>	1 x Power Button, 5x Function Button (Programmable Function Key Configured by Winset)
Accessory	

**Accessory**

User Guide  
 Driver CD  
 CANBus/DIDO Cable, 1.8m  
 Wi-Fi Antenna  
 Power Converter Cable  
 Isolation Power box

**Optional Accessory**

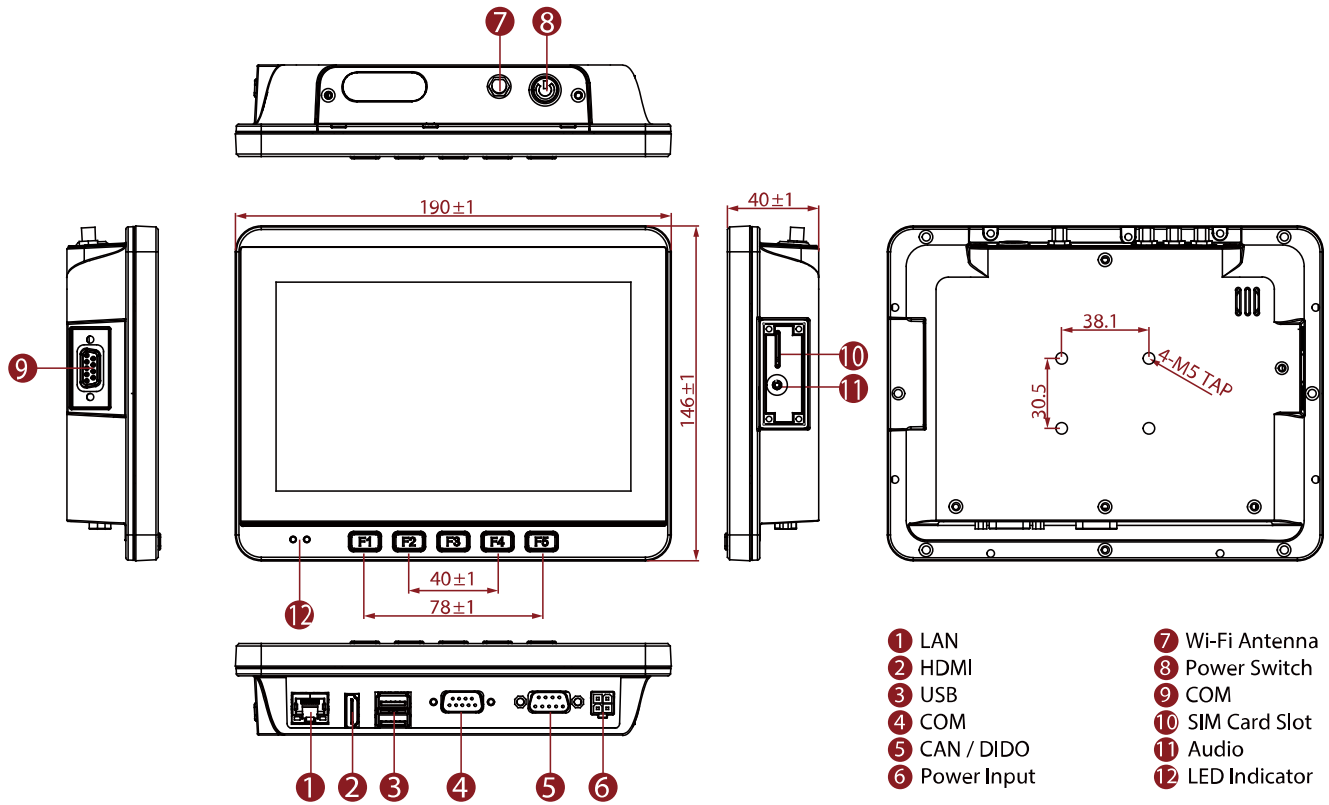
WWAN Antenna x 2(Optional)  
 GPS Antenna, 3m(Optional)

**Power**

**Power Rating** 9V-36V, with ignition control

**DIMENSIONS**

UNIT:MM

**NOTE**

1. Total usable memory will be less dependent upon actual system configuration.
2. Length measurements do not include protrusions. Weight varies with options.
3. Accessories may vary depending on your configuration.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.