

# FM07E

## 7inch Windows Vehicle Mounted Computer with Intel® Celeron® N6211



### KEY FEATURES

- Intel® Celeron® N6211 Elkhart Lake, Windows Vehicle Mounted Computer
- 7" 1024 x 600 panel with projected capacitive Multi-Touch screen
- Wide power input 9-36V DC with ignition
- M12 waterproof connectors
- IP65 waterproof and dustproof
- Shock and vibration resistance according to MIL-STD-810G



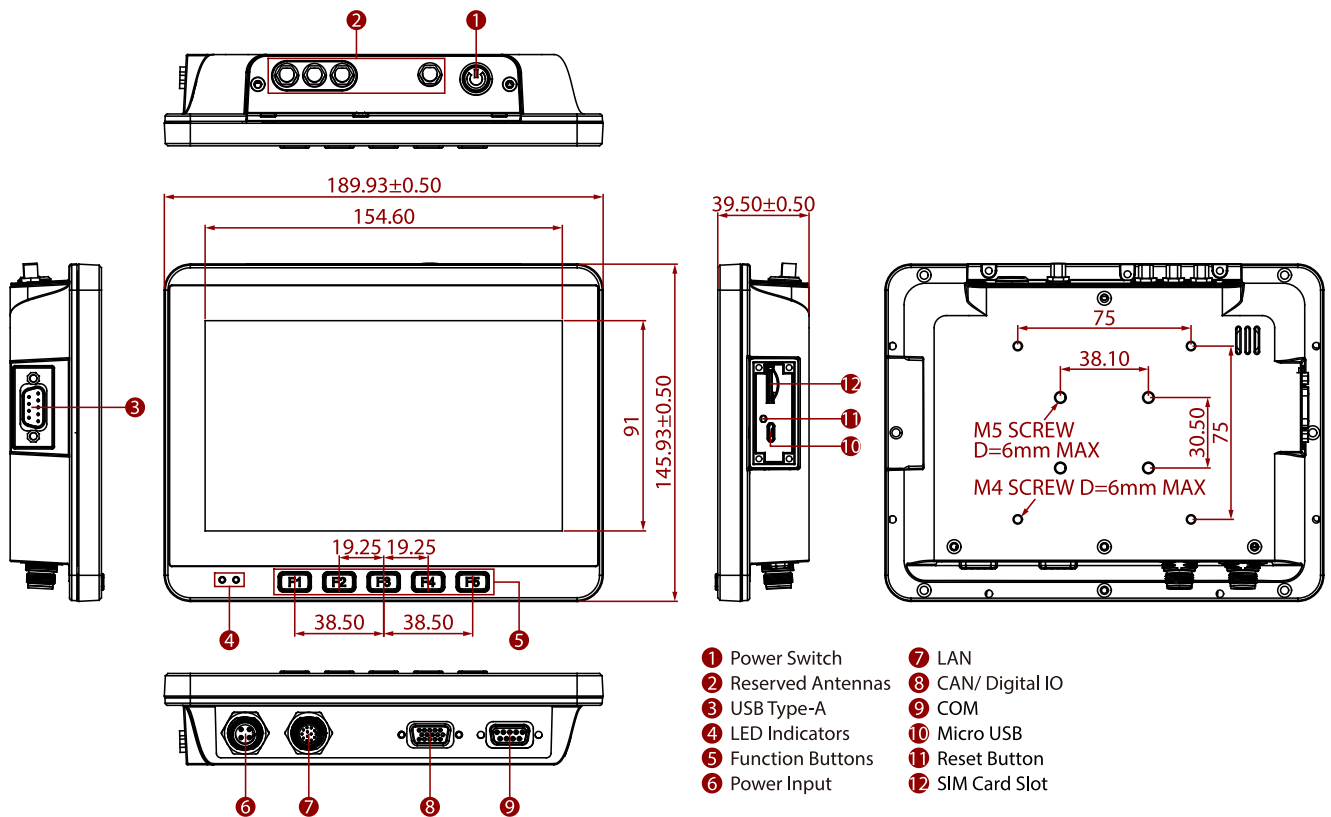
### SPECIFICATIONS

Display	
<b>Resolution</b>	1024x600
<b>Contrast Ratio</b>	700:1
<b>View Angles</b>	75,75,75,70
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen
<b>Size</b>	7.0 inches
<b>Panel Brightness</b>	1000.0 nits
<b>Active Area</b>	153.6x90 mm
System Specification	
<b>Processor</b>	Intel Celeron N6211 1.2GHz (up to 2.6GHz)
<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
<b>Storage</b>	1 x M.2 2242 SSD 128GB
<b>Ethernet controller</b>	1 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0
<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Support
<b>BT</b>	Support
<b>WWAN</b>	4G/LTE (Optional)
<b>GNSS</b>	GPS, GLONASS
Environment	
<b>Operating Humidity</b>	10% to 95% RH
<b>Operating Temperature</b>	-20°C~60°C
<b>Storage Temperature</b>	-20°C~60°C
<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I
<b>IP rating</b>	IP65, Dustproof and Waterproof
Certification	
<b>Certification</b>	CE, FCC
IO Ports	
<b>USB Port</b>	2 x USB for DB9 1 x Micro 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>Front Control</b>	5 x Function Key
<b>Indicator</b>	Power, HD
<b>DIDO</b>	DIDO (5XDI ; 3XDO)
<b>CANBUS</b>	2 x CANBUS
Control	
<b>Button</b>	1 x Power Button, 5x Function Button

(Programmable Function Key Configured by Winset)

<b>Dimension</b>	190 x 146 x 40 mm	<b>Weight</b>	1.25 kg
<b>Mounting</b>	RAM Mount	<b>Cooling System</b>	Fanless Design
<b>Accessory</b>			
<b>Accessory</b>	User Guide M12 LAN Cable, 1.8m RS-232 Cable, 1.8m M12 Power Cable, 1.8m USB Cable, 0.3m CANBus and DIDO Cable, 1.8m WLAN Antenna Power Converter Cable Power Adapter	<b>Optional Accessory</b>	WWAN Antenna x 2 (Optional) Audio Cable, 0.3m (Optional) GPS Antenna, 3m (Optional)
<b>Power</b>			
<b>Power Rating</b>	9V-36V, with ignition control	<b>Consumption</b>	Max: 35W

## 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. This is a simplified drawing and some components are not marked in detail.
5. 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.

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