

FM07E

7inch Windows Vehicle Mounted Computer with Intel® Celeron® N6210



KEY FEATURES

- Intel® Celeron® N6210 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	
Resolution	1024x600
Contrast Ratio	700:1
View Angles	75,75,75,70
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	7 inches
Panel Brightness	1000 nits
Active Area	153.6x90 mm
System Specification	
Processor	Intel® Celeron® Elkhart Lake N6210 Processor (1.5M Cache, up to 2.60 GHz)
Memory	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 SSD 128GB
Ethernet controller	1 x Intel® Ethernet Controller
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise Linux Ubuntu 20.04 (Optional)
WLAN	Support
BT	Support
WWAN	4G/LTE (Optional)
GNSS	GPS, GLONASS
Environment	
Operating Humidity	10% to 95% RH
Operating Temperature	-20°C to 60°C
Storage Temperature	-20°C to 60°C
Shock	MIL-STD-810G Method 516.6 Procedure I, 30 g for 18 ms
Vibration	MIL-STD-810G Method 514.6 Procedure I, 1.60/ 1.96/ 2.18 g rms for XYZ/ 5-500 Hz
IP rating	IP65, Dustproof and Waterproof
Certification	
Certification	CE, FCC
IO Ports	
USB Port	2 x USB for DB9
Serial Port	1 x COM Port
SIM Card Slot	1 x SIM Card Slot
Audio	1x Speaker
LAN	1 x Gigabit Ethernet LAN 10/100/100 Mbps (M12 type)
Front Control	5 x Function Key
Indicator	Power, HD
DIDO	DIDO (5XDI ; 3XDO)
CANBUS	2 Port CANBus
Control	
Button	1 x Power Button, 5x Function Button

(Programmable Function Key Configured by Winset)

Mechanical

Dimension 190 x 146 x 40 mm

Weight 1.25 kg

Mounting RAM Mount

Cooling System Fanless Design

Accessory

Accessory User Guide
Driver CD
M12 LAN Cable, 1.8m
RS-232 Cable, 1.8m
M12 Power Cable, 1.8m
USB Cable, 0.3m
CANBus Cable, 1.8m
WLAN Antenna
Power Converter Cable
Power Adapter

Optional Accessory WWAN Antenna x 2 (Optional)
Audio Cable, 0.3m (Optional)
GPS Antenna, 3m (Optional)

Power

Power Rating 9V-36V, with ignition control

DIMENSIONS UNIT:MM

