

FM07

7" Intel® Celeron® N3350 Windows Vehicle Mounted Computer



KEY FEATURES

- Intel® Celeron® N3350 Apollo Lake
- 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	Size	7.0 inches
Contrast Ratio	700:1	Panel Brightness	1000 nits
View Angles	75,75,75,70	Touch / Glass	Projected Capacitive Multi Touch Screen
System Specification			
Processor	Intel® Celeron® N3350 (2M Cache, up to 2.4 GHz) Intel® Pentium® N4200 (2M Cache, up to 2.5 GHz) (Optional)	Memory	1 x SO-DIMM, 4GB DDR3L 1600 MHz 1 x SO-DIMM, 8GB DDR3L 1600 MHz (Optional)
Storage	1 x M.2 2242 SSD 64GB	Ethernet controller	1 x Intel® Ethernet Controller I210-AT
Operating System	Windows 10 IoT Enterprise Linux Ubuntu 18.04 (Optional)	WLAN	802.11 a/b/g/n/ac mode
BT	BT Support	WWAN	4G/LTE (Optional)
GNSS	GPS/AGPS		
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, E-mark		
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		

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Mechanical

Dimension 188.75 x 144.75 x 39.5 mm

Mounting

RAM Mount/ VESA 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
Wi-Fi 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

