

FM07P

7inch Windows Forklift Computer with Intel® Celeron® N3350



KEY FEATURES

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

INTRODUCTION

The FM-V Series Windows Vehicle Mounted Computer (VMC) is designed for reliable performance in demanding industrial and automotive environments. Available in sizes from 7" to 14", it offers processor options ranging from Intel® Celeron® N6211 and N3350 to the powerful 12th Gen Intel® Alder Lake processors. Built with an IP65-rated waterproof and dustproof enclosure, wide 10-60V DC power input with ignition support, and a rugged design for extreme temperatures, the FM-V Series ensures durability and efficiency. VESA mount compatibility provides easy installation, making it ideal for fleet management, logistics, and warehouse operations.

SPECIFICATIONS

Display

Resolution	1024x600	Size	7.0 inches
Contrast Ratio	700:1	Panel Brightness	1000.0 nits
View Angles	75,75,75,70	Active Area	153.6x90 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		

System Specification

Processor	Intel Celeron N3350 1.1GHz (up to 2.4GHz) (Default) Intel Pentium N4200 1.1GHz (up to 2.5GHz) (Optional)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB (Default) 8GB (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 (64 bit) (Default) 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~60°C
Storage Temperature	-20°C~60°C	Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	Front IP65

Certification

Certification	CE, FCC
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IO Ports

USB Port	2 x USB	Serial Port	2 x COM Port
SIM Card Slot	1 x SIM Card Slot	Audio	1x Speaker
LAN	1 x Gigabit Ethernet LAN 10/100/1000 Mbps (M12 type)	Front Control	5 x Function Key
Indicator	Power, HD	DIDO	1 x DIDO (3XDI ; 3XDO)
CANBUS	2 x CANBUS		

Control

Button	1 x Power Button, 5x Function Button (Programmable Function Key Configured by Winset)
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Mechanical

Dimension	189.93 x 145.93 x 39.8 mm	Weight	1.2kg
Mounting	RAM mount (Default) VESA mount (Optional)	Cooling System	Fanless Design

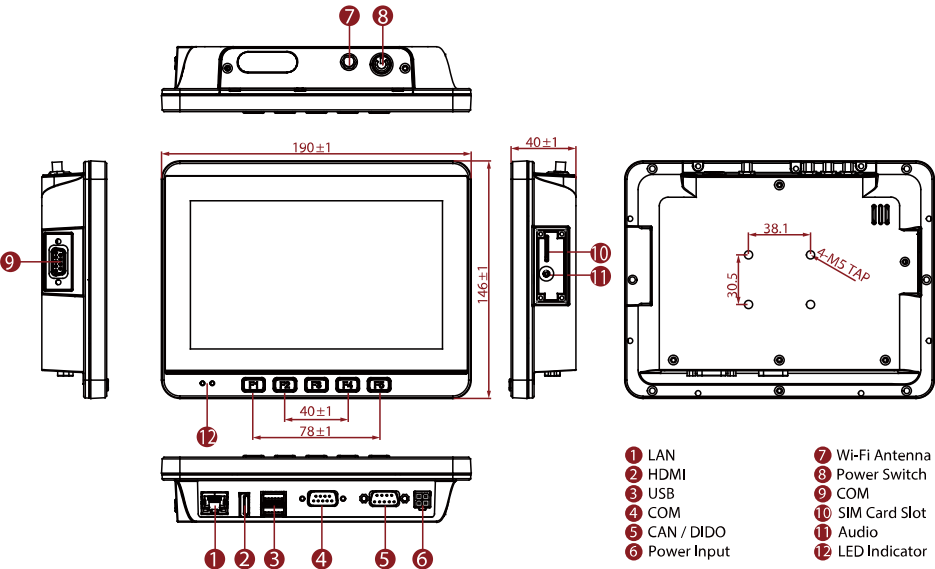
Accessory

Accessory	User Guide CANBus and DIDO Cable, 1.8m WLAN Antenna Power Converter Cable Power Adapter	Optional Accessory	WWAN Antenna x 2 (Optional) GPS Antenna (Optional)
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Power

Power Rating	9V-36V, with ignition control	Consumption	Max: 35W
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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.
5. COM port can supply 5V power via the 9th pin.