

# MFT10

# MFT 10 VEHICLE TERMINAL



Android OS forecast Q2/2019



MFT10 with keyboard



Quick exchange system with adaptor



Mounting kit RAM Mount



Power pack



Mounting kit flat



HF-RFID Reader

## TECHNICAL SPECIFICATIONS

<b>Case:</b>	Aluminium, powder-coated
<b>Shock/Vibration:</b>	complies with EN 60068-2 Part -6, -27
<b>Protection Class:</b>	IP65
<b>Operating temperature:</b>	-30 °C to 45 °C
<b>Storage temperature:</b>	-30 °C to 70 °C
<b>Rel. humidity:</b>	5 % to 95 % (in operation), non-condensing
<b>Device dimensions:</b>	270 x 235 x 62 mm (W x H x D; without accessories)
<b>Weight:</b>	Approx. 2.8 kg (without accessories)
<b>Power supply:</b>	8.5 to 72V DC (electrically isolated)
<b>Power consumption:</b>	Approx. 19 W (as standard), max. 60 W (freezer use)
<b>Display:</b>	10.4" color TFT display XGA with LED backlight, 1024 x 768 pixels, 350 cd/m <sup>2</sup> , 2 status LEDs
<b>Touchscreen:</b>	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
<b>Keyboard:</b>	Virtual on-screen keyboard, 5 user programmable function keys
<b>Graphics:</b>	Integrated graphics unit, DirectX11 support
<b>Processor:</b>	Intel Celeron** Quad Core 4x 1.83 GHz (N2930, Bay Trail-M)
<b>Memory:</b>	64 GB flash, 4 GB RAM (DDR3L), 8 GB DDR3L (optional)
<b>Operating system:</b>	Windows ® Embedded Standard 7 */ Windows ® 10 IoT Enterprise 2016*. Alternative o/s available on request.
<b>BIOS:</b>	UEFI BIOS, update-capable, bootable from LAN or USB as standard
<b>Interfaces:</b>	Ethernet 100-BaseT/10-BaseT auto switch, RS232, 4x USB 2.0, integrated speaker with speech output quality, audio/microphone input via jack plugs

## SPECIAL FEATURES

- Integrated battery for up to 1.5 hours (typical) running time, 2 integrated antennae, fan-less design
- Device start-up and shutdown via user definable function keys (ATX function) or via vehicle ignition
- Sunlight readable

## OPTIONS

- WLAN IEEE 802.11a/b/g/n (Windows ® Embedded Standard 7\* device option)
- WLAN IEEE 802.11a/b/g/n/ac incl. BT-compatible close-range network (Windows ® 10 IoT Enterprise 2016\* device option)
- WLAN Security<sup>1</sup>: WPA, IEEE802.11i (Personal and Enterprise), WPA2, WPA2-PSK 802.1x: PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, EAP-TLS, EAP-TTLS, EAP-FAST, LEAP
- HF-RFID Reader, Frequency 13.56 MHz
- 10.4" colour TFT display SVGA with LED backlight, 800 x 600 pixels, 1200cd/m<sup>2</sup>, 2 status LEDs with resistive touchscreen, surface hardness of 3H
- 10.4" colour TFT display XGA with LED backlight, 1024 x 768 pixels, 350 cd/m<sup>2</sup>, 2 status LEDs, with capacitive touchscreen, surface hardness of 6H
- Ivanti/Wavelink Products ® ■ SOTI MobiControl ®

## ON REQUEST

- 10.4" colour TFT display SVGA with LED backlight, 800 x 600 pixels, 1200 cd/m<sup>2</sup>, 2 status LEDs with capacitive touchscreen, surface hardness of 6H ■ Additional memory storage
- BT-compatible close-range network (Windows ® Embedded Standard 7\* device option)
- 1x USB 3.0 ■ GSM / UMTS / HSPA / LTE ■ GPS
- Expansion opportunities via miniPCI express or M.2
- Connection for two external Wi-Fi antennae (reverse SMA) ■ CFAST slot

## ACCESSORIES

- Different vehicle mounts ■ Quick exchange system ■ Keyboardholder with keyboard

\* Registered trademark - Microsoft

\*\* Registered trademark - Intel Celeron

<sup>1</sup>Standard codification validated by ACD

Subject to technical modifications

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