MFT12

MFT 12
VEHICLE TERMINAL

MFT12

MFT12 with keyboard

Quick exchange system with adaptor

Mounting kit RAM Mount

Power pack

Mounting kit flat

HF-RFID Reader

TECHNICAL SPECIFICATIONS

Case:	Aluminium, powder-coated
Shock/Vibration:	complies with EN 60068-2 Part -6, -27
Protection Class:	IP65
Operating temperature:	-30 °C to 45 °C
Storage temperature:	-30 °C to 70 °C
Rel. humidity:	5 % to 95 % (in operation), non-condensing
Device dimensions:	308 x 268 x 63 mm (W x H x D; without accessories)
Weight:	Approx. 3.6 kg (without accessories)
Power supply:	9 to 72V DC (electrically isolated)
Power consumption:	Approx. 19 W (as standard), max. 60 W (freezer use)
Display:	12.1" color TFT display XGA with LED backlight, 1024 x 768 pixels, 500 cd/m^2, 2 status LEDs
Touchscreen:	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
Keyboard:	Virtual on-screen keyboard, 5 user programmable function keys
Graphics:	Integrated graphics unit, DirectX11 support
Processor:	Intel Celeron** Quad Core 4x 1.83 GHz (N2930, Bay Trail-M)
Memory:	64 GB flash, 4 GB RAM (DDR3L), 8 GB DDR3L (optional)
Operating system:	Windows ® Embedded Standard 7 */ Windows ® 10 IoT Enterprise 2016*. Alternative o/s available on request.
BIOS:	UEFI BIOS, update-capable, bootable from LAN or USB as standard
Interfaces:	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[1]: 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
- Ivanti/Wavelink Products ®
- SOTI MobiControl ®

ON REQUEST

- 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   [1]Standard codification validated by ACD
** Registered trademark - Intel Celeron   Subject to technical modifications

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