//ACD
GRUPPE

MOBILE DATA COLLECTION

MFT10   Vehicle terminal

In order to optimise your order picking processes as well as other challenging logistics applications, the MFT10 vehicle terminal with large 10,4" TFT display with LED backlight and touch screen offers more space for the display of complex applications as well as excellent legibility. As a result, the MFT10 enables simplified handling along with intuitive entry, flawless operation and quicker work procedures.

Even in tough industrial environments at temperatures as low as -30 °C, the stable aluminium housing and the chemically hardened front screen offer sufficient impact strength, protection against dust and water as well as increased durability. System stability, even after a hard shutdown, leads to a minimisation of your administration effort and ensures process reliability.

The individually configurable function keys can be precisely aligned to your needs, thus ensuring sufficient free space. Thanks to the numerous and various interfaces, all opportunities to connect further components remain open. Accessories such as additional batteries and various holders create more flexibility.

Stock and route optimisation as well as flexibility in terms of service and constant controlling provide an effective working process and high quality in order processing.

MFT10
- Thin and robust aluminium housing
- Simple forklift truck assembly
- Chemically hardened front screen
- Integrated energy cache to bridge voltage drop
- System stability following hard shutdown
- 10" TFT display with LED backlight and touch screen
- Windows Embedded Standard 7 or Windows 10 IoT Enterprise 2016*
- Intel Celeron** Quad Core processor 4x 1,83 GHz
- WLAN (as option)
- BT-compatible close-range network (on request)

MOBILE DATA COLLECTION

MFT10 Vehicle terminal

Housing:	Aluminium, powder-coated
Resilience:	Shock and Vibration according to EN 60068-2 Part -6, -27
Protection class:	IP65
Operation Temperature:	-30 °C to 45 °C
Storage Temperature:	-30 °C to 70 °C
Rel. humidity:	5 % to 95 % (in operation), non-condensing
Device dimensions:	270 x 235 x 62 mm (W x H x D; without accessories)
Weight:	Ca. 2.8 kg (without accessories)
Power supply:	8,5 V to 72 V DC (electrically isolated)
Power consumption:	Ca. 19 W (as standard); max. 60 W (freezer use)
Display:	10.4" color TFT display XGA with LED backlight, 1024 x 768 pixels, 350 cd/m², 2 Status LEDs
Touch screen:	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
Keyboard:	Virtual on-screen keyboard, 5 freely programmable function keys
Graphics:	Integrated graphics unit, DirectX11 support
Processor:	Intel Celeron** Quad Core processor 4x 1,83 GHz (N2930; Bay Trail-M)
Memory:	2 GB DDR3L
Memory storage:	64 GB flash as standard
Operating system:	Windows Embedded Standard 7 or Windows 10 IoT Enterprise 2016*, further operating systems on request
BIOS:	UEFI BIOS, update-capable, bootable from LAN or USB as standard
Interfaces:	Ethernet 100-BaseT/10-BaseT autoswitch, RS232, 4x USB 2.0, integrated speaker in speech output quality, audio output/microphone input via jack plugs
Options:	10.4" color TFT display SVGA with LED backlight, 800 x 600 pixels, 1.200 cd/m², 2 Status LEDs, with resistive touch screen, surface hardness of 3H, with robust, chemically hardened beaming glass
	10.4" color TFT display XGA with LED backlight, 1024 x 768 pixels, 350 cd/m², 2 Status LEDs, with capacitive touch screen, surface hardness of 6H, with robust, chemically hardened beaming glass
	4 GB DDR3L memory, WLAN 802.11 a/b/g/n,
	WLAN Security[1]: WEP, WPA, IEEE802.11i (Personal and Enterprise), WPA2, WPA2-PSK,
	802.1x: PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, EAP-TLS, EAP-TTLS, EAP-FAST, LEAP,
On request:	10.4" color TFT display SVGA with LED backlight, 1024 x 768 pixels, 350 cd/m², 2 Status LEDs, with capacitive touch screen, surface hardness of 6H, with robust, chemically hardened beaming glass
	8 GB DDR3L memory, upper memory storage, BT-compatible close-range network, 1x USB 3.0, GSM/UMTS/HSPA/LTE, GPS, integrated battery for up to 1.5 hours of operation, expansion opportunities via miniPCI express, CFAST slot
Special features:	Integrated energy cache to bridge voltage drop up to 3 seconds, 2 integrated antennae, fan-less design, device start-up and shutdown via freely definable function keys (ATX function)