



## RFO TPC 10

10inch industrial  
RFID tablet PC



DATA SHEET



### Product Description

#### Performance

The RFO TPC 10 Tablet PC is a rugged and powerfully equipped tablet PC. This rugged tablet PC integrated with 10.1" touch screen and a high performance, low power consumption Intel® Atom™ processor. With options for a 2D barcode scanner, magnetic stripe reader, smart card reader, RFID, and dual front & rear camera, these rugged tablets offer seamless information capture for immediate transmission. RFO TPC10 is a fan less design and compliant IP65 water and dust proof protection. This robust tablet PC RFO TPC 10 works up to full 10 hours with one time battery charge. With an outdoor-viewable display integrated with touch screen, the rugged mobile RFO TPC 10 performs efficient outdoor as well. It offers a blend of performance, integrated features and mobility. This tablet PC helps every user to work smarter and more effectively and also helps to achieve e-paper for environment protection.

#### Efficiency

Due to all these features and functions the RFO TPC 10 can satisfy almost every application requirement or mobile need. Data transfer via WLAN or USB is not a problem and with the 3,5G modem it allows full connectivity even in the field. Permanently online processes will improve in the shortest time.

#### Ergonomie

The RFO TPC 10 has an 10.1-inch TFT (1024x600) LCD Touch Display. LED back light and sunlight readable makes it most ergonomic day and night. With a size of 288mm x 255mm x 23mm and low weight of 1,6kg (incl. Second battery pack) it is handy at any moment of time.

**Article no:**

**RFO TPC 10**

#### Typical Applications

- |                 |                 |                                    |           |
|-----------------|-----------------|------------------------------------|-----------|
| •Manufacturing  | •Health Care    | •Vehicle Maintenance & Diagnostics | •Security |
| •Access Control | •Education      | •Automotive                        |           |
| •Gaming         | •Hospitality    | •Retail & POS                      |           |
| •Insurance      | •Transportation | •Home Automation                   |           |



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Technical Specifications	RFO TPC 10
<b>System</b>	
CPU	Intel® Lincroft (Oak Trail) Z670 1.5GHz
RAM	DDR II 1G, max up to 2G
Storage	MSATA SDD 32G to 64G
Operating System	Microsoft® Windows® Embedded Standard 7 / Windows® 7 Professional / Linux
Display	TFT LCD 10.1" LED-backlight screen with touch panel (4 Wires resistive type); Sunlight readable
Display Resolution	1024X600 (WSVGA)
Network Interface	802.11 b/g/n wireless Lan Blue Tooth 3.0
Control Switch and Buttons	1 Power / 6 Hotkey / 4 Direction / 1 Enter button
Indicator	1 Power / 1 HDD / 1 Battery status LED
Speaker & Microphone	Built-in speaker & microphone
Light adjustment	Hardware
<b>I/O Ports</b>	
USB	2
DC Jack	1
RS-232	1
Docking PORT	1
<b>Power</b>	
AC/DC Adapter	Input AC: 100~240V Output DC: 16V / 4A
Battery Pack	10 hours Battery Life. Dual battery pack. DC 7.4V 3800mAh. Support hot swap.
<b>Mechanical</b>	
Enclosure	ABS+PC Plastics and rubber
Stylus	1
Dimensions	288(W)x225(H)x23(D)
Weight	1.6Kg (Including 2 battery packs)
<b>Environment</b>	
Water & Dust Resistance	IP 65
Vibration & Shock Resistance	MIL-STD-810G
Temperature	Operation: 0° – 40°C; Storage: -20°C - 60°C
Humidity	0% – 90% (non-condensing)
Regulatory	CE / FCC Class B / FCC /Rohs compliant
<b>Option Functions</b>	
3.5G HSUPA	3.5G Module UMTS/HSDPA Singleband 2100 MHZ GSM/GPRS/EDGE : Quadband 850/900/1800/1900 Mhz
GPS	GPS Module Support 20-channel
Camera	Front (2m pixel) & rear (5m pixel) dual CMOS Camera
Bar code scanner 2D	1D symbologies: EAN/UPC, GS1 Databar (limited expanded & omni-directional), RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/Matrix/ Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian) 2D symbologies: Data Matrix, PDF417, Micro PDF 417, Codablock Maxicode, QR, Aztec GS1 composite codes Scan rate : 2D mode: 56 images/s auto adaptive Scan Angle : 38.9° (Horizontal), 25.4° (Vertical) Optical resolution : 752 (H) x 480 (V) pixels, 256 gray levels Print Contrast : down to 25% Version : Standard range and high density
MSR	Media formats: ISO 7811, AAMVA, and other F2F formats Swipe speed: 7 to 150 cm per second, bi-directional Operating Life: 1,000,000 cycles minimum
Smart card reader	Operates ISO 7816 microprocessor or memory card Transfer rates: 9600 to 115200 bps Operating Life: 1,000,000 cycles minimum
RFID	13.56 MHz Mifare DESFire Reader / ISO 15693 Reader Reading distance: 30mm ~ 50mm depending on tag types and environment



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Technical Specifications	RFO TPC 10 Docking Station
2 slots for battery charging	
RS232 Port x 1	
DC Jack x 1	
RJ45 Port x 1	
USB Port x 6	
Phone Jack x 1	
Audio Jack x 1	Color: Black

### RFO TPC 10 mounted on Docking Station



### Docking Station Wall mount or Car mount



Article no:	Docking station	<b>AGX TPC 10 DS</b>
	Wall mount	<b>AGX TPC 10 WM</b>



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