



AGX TPC 10B
10inch industrial
RFID tablet PC



Product Description

Performance

The AGX TPC 10B 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™ Bay Trail quad-core processor. The new Atom Bay Trail solution performs brilliantly with low power consumption. The GPU is even 5 times efficient than Cedar Trail. 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. AGX TPC 10B is a fan less design and compliant IP65 water and dust proof protection. This robust tablet PC AGX TPC 10B works up to full 10 hours with one time battery charge. With an outdoor-viewable display integrated with touch screen, the rugged mobile AGX TPC 10B 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 AGX TPC 10B can satisfy almost every application requirement or mobile need. Data transfer via WLAN or USB is not a problem and with the 3G modem it allows full connectivity even in the field. Permanently online processes will improve in the shortest time.

Ergonomie

The AGX TPC 10B has an 10.1-inch 4 Wires resistive type TFT (1024x768 XGA) LCD Touch Display. LED back light and sunlight readable (800 nits) 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.

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Typical Applications

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

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Technical Specifications	AGX TPC 10B
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System	
CPU	Intel® Atom Bay Trail-M Processor Quad Core N2930 1.83GHz
RAM	1 x 204-pin DDRIII SO-DIMM Socket support / up to 8GB
Storage	MSATA SSD 32G up to 512G
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	1024 X 768 (XGA)
Network Interface	802.11 b/g/n wireless Lan Blue Tooth 2.1 + EDR
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
I/O Ports	
USB	2
DC Jack	1
RS-232	1
Docking PORT	1
Power	
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.
Mechanical	
Enclosure	ABS+PC Plastics and rubber
Stylus	1
Dimensions	288(W)x225(H)x23(D)
Weight	1.6Kg (Including 2 battery packs)
Environment	
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
Option Functions	
3G	<ul style="list-style-type: none"> • WCDMA R99: maximum data rate of 384 kbps • HSDPA : Downlink Category 8 (7.2 Mbps) or 10 (14.4 Mbps) • HSUPA : E-DCH data rates of up to 5.76 Mbps for 2 ms TTI (UE category 6) uplink • GSM R99 : Supports CS SMS • GPRS : CS schemes – CS1, CS2, CS3, and CS4 • CDMA 1xEV-DO : High-speed peak data rates of 3.1 Mbps on the downlink and 1.8 Mbps on the uplink • CDMA1x : Supports up to 153.6 kbps data throughput on both forward and reverse links • EDGE : Downlink coding schemes – CS 1-4, MCS 1-9
GPS	<ul style="list-style-type: none"> • High performance positioning engine. Support 50 channels. • GPS L1 Frequency, C/A code. SBAS: WAAS/ EGNOS/MSAS
Camera	Front (2m pixel) & rear (5m pixel) dual CMOS Camera
Bar code scanner 2D	<ul style="list-style-type: none"> • 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 Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post) • 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	<ul style="list-style-type: none"> • HF RFID: 13.56 MHz Mifare DESFire Reader / ISO 15693 Reader • UHF RFID: 860~960MHz

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Technical Specifications	AGX TPC 10B 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

AGX TPC 10B mounted on Docking Station



Docking Station Wall mount or Car mount



Article no:	Docking station	AGX TPC 10B DS
	Wall mount	AGX TPC 10B WM

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