

TC-200 TAG Commander™

2011 Product Portfolio - Rugged Ultra-Mobile PCs (UMPC) & Tablets



Tactical Systems : A Division of Technology Advancement Group®, Inc.

:: 7" Touchscreen Display

:: Milled Aluminum Chassis

:: Rugged Solid-State Drives (SSD)



Configuration Characteristics

Product Code	TC-200 TAG Commander™
Product Class	Ultra-Mobile PC (UMPC), Tablet, Handheld
Chassis Type	Ergonomically Designed, Conduction-Cooled Milled Chassis
Chassis Material	Billet 6061-T6 Aircraft Grade Aluminum Alloy
Dimensions	10.55" W x 5.95" H x 1.99" D
Weight	4.0lbs w/Batteries; 2.8lbs w/out Batteries
Processor	Intel® Atom Z530 1.6 GHz
Chipset	Intel® SCH
Memory	1GB DDR2
Storage	(1) 1.8" Removable 32, 64 or 80GB Solid-State Drive (SSD) Contact Sales Rep for Larger Storage Options

Display Characteristics

Display Size	7" Widescreen Display
Display Type	Sunlight Readable TFT LCD
Display Options	Optional NVIS, NVG Compatible Display
Touchscreen Type	Resistive Touch Screen
Backlight	LED
Resolution	1024 x 600
Brightness	250 cd/m ²
Contrast Ratio	400:1
Viewing Angle	140° (H) 110° (V)
Color Support	True Color



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Hardware Specifications

Specifications below are subject to change, contact us for more information.



Technology on the move.™

User Interface Characteristics	
Power Button	1x Power On/Off Button
Pointing Device	1x 8-Point Directional Pad (D-Pad)
Mouse Buttons	2x Mouse Buttons (Left & Right Click)
Brightness Buttons	2x Brightness Buttons (Increase & Decrease)
Function Buttons	10x Programmable Function Buttons
Communication Characteristics	
System Antennas	Dual Integrated WLAN/WPAN Antennas
WLAN	802.11b/g (802.11n Optional)
WPAN	Optional Bluetooth Functionality
GPS	Integrated Ashtech® MB 100 GNSS Dual-Frequency RTK External Antenna May Be Required for In-Vehicle Operation
Commercial I/O Characteristics (Commercial Connectors Located Under Sealed I/O Cover)	
USB	1x USB 2.0
SD Card Slot	1x SD Card Slot
SIMM Card Slot	1x SIMM Card Slot (Applicable when configured with GSM Interface)
Audio	1x 2.5MM Audio In/Out Jack
Rugged I/O Characteristics (Circular MIL Style Connectors Located on Bottom of Chassis)	
Power Input	1x 15-16 VDC Input
Serial	2x Reduced Quad Port RS232, 2x Full Quad Port RS232
USB	2x USB 2.0
Audio	1x Audio In/Out
Network	1x 10/100/1000 Ethernet
Video Capture	Optional Composite NTSC/PAL/SECAM
Power Characteristics	
Batteries	2 (Hot-Swappable)
Battery Life	Up-To 8 Hrs (Varies Per Configuration)
Power Supply	AC/DC Adapter (100-120VAC, 200-240VAC Input, 50-60Hz 15VDC 3.67A Output)
Standard Accessories	
Batteries	2x
32GB Solid-State Drive (SSD)	1x
AC/DC Adapter/Charger	1x
Microsoft® Windows® 7	1x (License)
Stylus	1x Connected by Lanyard to Chassis

Environmental Characteristics	
High Temperature Operational	Designed to Meet MIL-STD 810G Method 501.5, Procedure II (60°C)
Low Temperature Operational	Designed to Meet MIL-STD 810G Method 502.5, Procedure II (-30°C)
High Temperature Non-Operational	Designed to Meet MIL-STD 810G Method 501.5, Procedure I (70°C)
Low Temperature Non-Operational	Designed to Meet MIL-STD 810G Method 502.5, Procedure I (-40°C)
Icing	Designed to Meet RTCA/DO-160E Category A
Cold Start	Designed to Cold Start at -30°C
Thermal Shock	Designed to Meet MIL-STD 810G Method 503.5 Procedure I-C
Low Pressure (Altitude)	Designed to Meet MIL-STD 810G Method 500.5 Procedure I (35,000 ft)
Humidity	Designed to Meet MIL-STD 810G Method 507.5, Procedure II (0-95% Non-Condensing)
Shock	Designed to Meet MIL-STD 810G Method 516.6 Procedure IV (48" Drop)
Vibration	Designed to Meet MIL-STD 810G Method 514.6 Procedures I & II
Acceleration	Designed to Meet MIL-STD 810G Method 513.6 Procedure II
Sand and Dust	Designed to Meet MIL-STD 810G Method 510.5 Procedures I & II
Rain	Designed to Meet MIL-STD 810G Method 506.5 Procedures I & III
Ingress Protection	Designed to Meet IP67
EMC	Designed to Meet MIL-STD 461F, CE101, CE102, RE101, RE102, CS101, CS114, CS115, CS116, RS103, RS101, RS105
Explosive Atmosphere	Designed to Meet MIL-STD 810G Method 511.5 Procedure I
Fungus	Designed to Meet MIL-STD 810G Method 508.6
Salt/Fog	Designed to Meet MIL-STD 810G Method 509.5
HAZMAT	Designed to Meet all HAZMAT requirements for closed vehicle operation
Warranty & Tech Support	
Warranty	(1) Year Parts and Labor Guarantee (Contact Sales Rep for Extended Warranty)
Tech Support	24x7 Technical Support Provided By TAG (1-877-824-8324 supportstaff@tag.com)



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