Juniper Rugged handhelds

Archer 2™

Featuring a new IllumiView™ high-visibility display, the Archer 2 remains extraordinarily bright under even the most glaring sunlight. You'll love the responsiveness of its large, glove-friendly capacitive touchscreen and numeric keypad, allowing you to input data at unprecedented speeds. And for those work days that just seem to go on and on, you can trust that the Archer 2's custom Overtime Technology™ battery will get you through, no problem. Add to this the signature ruggedness that Juniper Systems is known for, and you have one mean data-collecting machine that you can rely on, wherever your job takes you.

www.junipersys.com/archer2

Allegro 2™

The Allegro 2 is as rugged as they come, which means you'll never have to worry about it letting you down. Designed for all-out data collection, the Allegro 2 features a full QWERTY & numeric keyboard, carefully selected for its large, glove-friendly buttons. Its advanced, Overtime Technology™ battery provides power for 20+ hours on one charge, eliminating the worry of a dying battery. It's got a new, Sun-to-Shade™ high-visibility display, easy to view in both glaring sunlight and shady conditions. Combine all of that with enhanced GNSS performance plus extended Bluetooth® range, and you've got the ultimate data collection tool, designed for the data-intensive.

www.junipersys.com/allegro2

Mesa 2 Rugged Tablet™

In a sleek package with the highest-rated protection against water and dust, the Mesa 2 Rugged Tablet can go with you into the harshest environments out there. Running Windows 10 and Android 5.1, the new Mesa 2 features a large, 7-inch, extra bright display for easily viewing maps or images, all-day power, and of course, the unmatched ruggedness Juniper Systems is known for. The Windows 10 model packs all the functionality of a desktop computer into one ultra-tough tablet, while the Android model provides versatility. Its racing-fast processor and lightweight, ergonomic design ensure maximum efficiency and minimal fatigue. With these powerful capabilities, the Mesa 2 will truly become your office, anywhere.

www.junipersys.com/mesa

Cedar™ by Juniper Systems

Juniper's Cedar brand of rugged tablets and phones offer a step-up in ruggedness and reliability from consumer-grade products. Running the Android operating system and giving massive bang for your buck, Cedar rugged devices will get your project done on time and on budget. Current product offerings include the CT7G Rugged Android Tablet and the CT5 Rugged Smartphone. If out-of-the box toughness and wallet-friendly prices are what you project demands, our Cedar line is the answer.

www.junipersys.com/mesa2

Handheld Specification Comparison

SYSTEM	Mesa 2	Archer 2	Allegro 2	Cedar CT7G	Cedar CT5
Operating System	Windows 10 Professional or Android 5.1	Windows Embedded Handheld 6.5.3	Windows Embedded Handheld 6.5.3	Android 6.0	Android 6.0
Processor	Quad-core Intel® Atom™ Z3745 processor	1.0 GHz ARM Cortex A8 i.MX53 processor	1.0 GHz ARM Cortex A8 i.MX53 processor	MediaTek MT6735 64-bit quad-core	MT6755 Octa-core 2.0GHZ
Memory (RAM)	4 GB	512 MB	512 MB	2 GB	3 GB
Internal Storage (max)	64 GB or 128 GB options	8 GB	8 GB	16 GB	32 GB
Screen Size (diagonal)	7" (178 mm)	4.3" (109 mm)	4.2" (107 mm)	7" (178 mm)	4.7" (119 mm)
Screen Orientation (primary)	Portrait	Portrait	Landscape	Portrait	Portrait
Screen Resolution	1280 x 800	800 x 480	640 x 480	1280 x 800	720 x 1280
Screen Type	High-visibility projected capacitive	High-visibility projected capacitive	High-visibility projected capacitive	High-visibility HD IPS display	High-visibility HD IPS display
Weight (includes battery)	1.5–2 lbs (680–907 g)	1.3 lbs (590 g)	2 lbs (908 g)	1.3 lbs (590 g)	.56 Lbs (255g)
Battery Life (default settings)	10 hours (15 with optional built-in battery)	20 hours	20 hours	7000 mAh	4500 mAh

RUGGEDNESS

	Mesa 2	Archer 2	Allegro 2	Cedar CT7G	Cedar CT5
Ingress Protection	IP68 waterproof & dustproof	IP68 waterproof & dustproof	IP68 waterproof & dustproof	IP68 waterproof & dustproof	IP68 waterproof & dustproof
Shock/Drop	Multiple drops 4' (1.2 m) to cement	Multiple drops 5' (1.5 m) to cement	Multiple drops 4' (1.2 m) to concrete	Drop to 3' (0.91 m) to concrete	Drop to 3' (0.91 m) to concrete
Operating Temp.	-4 F to 122 F (-20 C to 50 C)	-22 F to 140 F (-30 C to 60 C)	-22 F to 140 F (-30 to 60 C)	-	-
Storage Temp.	-22 F to 158 F (-30 C to 70 C)	-22 F to 158 F (-30 C to 70 C)	-22 F to 158 F (-30 to 70 C)	-	-
MIL-STD	810G	810G	810G	-	-
Intrinsically Safe	Class I, II, and III, Div 2	Class I, II, and III, Div 2	No	No	No

All models tested for shock, drop, vibration, altitude (pressure), temperature, temperature shock, humidity

CONNECTIVITY

	Mesa 2	Archer 2	Allegro 2	Cedar CT7G	Cedar CT5
Secure Digital (SD/SDHC) slot	Yes, MicroSDXC	Yes, MicroSD/SDHC	Yes, MicroSD/SDHC	Yes, MicroSD	Yes
USB client	Yes	Yes	Yes	Yes	Yes
USB host	Yes	Yes	Yes	No	No
Serial RS-232 9-pin port	Optional	Yes	Yes	No	No
Audio jack	Yes	Yes	Yes	Yes	Yes
Integrated Bluetooth	Yes	Yes	Yes	Yes	Yes
Integrated wireless LAN (Wi-Fi)	Yes	Yes	Yes	Yes	Yes
Cell Modem	Optional 4G LTE	Optional 3.75G	Optional 3.75G	Yes, 4G LTE (US bands 17 & 19)	Yes, LTE
Integrated camera	Optional 8 MP rear, 2 MP front	Optional 5 MP rear	Optional 5 MP rear	2 MP Rear, 13 MP Front	15 MP Rear, 5 MP Front
GPS with WAAS/SBAS	Internal	Internal	Internal	Internal	-
GPS Accuracy	2–5 m	2–5 m	2–5 m	2-5 m	-
Submeter GPS Post-processing	Yes (select models)	Yes	Yes (select models)	No	-

USER INTERFACE

	Mesa 2	Archer 2	Allegro 2	Cedar CT7G	Cedar CT5
Touchscreen	Yes	Yes	Yes	Yes	Yes
On-screen keyboard	Yes	Yes	Yes	Yes	Yes
Keypad style	PDA	Numeric	QWERTY-numeric	PDA	PDA
Support external keyboard	Yes	Yes	Yes	Yes	Yes
Integrated barcode scanner	Optional 1D/2D	Optional 1D/2D	Optional 1D/2D	No	No

JUNIPER® systems

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