

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® Rugged Notepad

Meet the Mesa Rugged Notepad—featuring the advantages of both a tablet PC and a rugged handheld computer, without the disadvantages of either. No other Windows Mobile® rugged handheld sports a screen bigger than the Mesa. Like other Juniper Systems products, the Mesa provides a battery life that lasts all day (up to 16 hours), includes endless expansion opportunities, and is rugged enough to use as a wheel chock if the truck starts to roll. Keep your data protected and visible with the Mesa Rugged Notepad.

www.junipersys.com/mesa

Handheld Specification Comparison



SYSTEM	Mesa	Archer 2	Allegro 2
Operating System	Windows Embedded Handheld 6.5	Windows Embedded Handheld 6.5.3	Windows Embedded Handheld 6.5.3
Processor	806 Mhz PXA320 Processor	1.0 GHz ARM Cortex A8 i.MX53 processor	1.0 GHz ARM Cortex A8 i.MX53 processor
Memory (RAM)	256 MB	512 MB	512 MB
Internal Storage (max)	4 GB	8 GB	8 GB
Screen Size (diagonal)	5.7" (145 mm)	4.3" (109 mm)	4.2" (107 mm)
Screen Orientation (primary)	Portrait	Portrait	Landscape
Screen Resolution	640 x 480	800 x 480	640 x 480
Screen Type	High-visibility backlit LCD	High-visibility projected capacitive	High-visibility projected capacitive
Weight (includes battery)	2.2 lbs (1 kg), 2 batteries	1.3 lbs (590 g)	2 lbs (908 g)
Battery Life (default settings)	16 hours (2 batteries)	20 hours	20 hours

RUGGEDNESS

Ingress Protection	IP67 waterproof & dustproof	IP68 waterproof & dustproof	IP68 waterproof & dustproof
Shock/Drop	Multiple drops 4' (1.2 m)	Multiple drops 5' (1.5 m)	Multiple drops 4' (1.2 m)
Operating Temp.	-22 F to 140 F (-30 to 60 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 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, 461F	810G	810G
Intrinsically Safe	Class I, Div 2	Coming Soon	No

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

CONNECTIVITY

Secure Digital (SD/SDHC) slot	Yes	Yes, MicroSD	Yes, MicroSD
USB client	Yes	Yes	Yes
USB host	Yes	Yes	Yes
Serial RS-232 9-pin port	Yes	Yes	Yes
Audio jack	Yes	Yes	Yes
Integrated Bluetooth	Yes	Yes	Yes
Integrated wireless LAN (Wi-Fi)	Yes	Yes	Yes
3G Cell Modem	Optional	Optional	Optional
Integrated camera	Optional	Optional	Optional
GPS with WAAS/SBAS	Internal	Internal	Internal
GPS Accuracy	2-5 m	2-5 m	2-5 m
Submeter GPS	External*	With post-processing	External*

*Compatible with most GPS receivers via Bluetooth® Wireless Technology

USER INTERFACE

Touchscreen	Yes	Yes	Yes
On-screen keyboard	Yes	Yes	Yes
Keypad style	PDA	Numeric	QWERTY-numeric
Support external keyboard	Yes	Yes	Yes
Integrated barcode scanner	Optional 1D/2D	Optional 1D/2D	No

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