

Juniper Systems Releases Two Rugged Handheld Computers



[Juniper Systems Limited](#) has released two rugged handheld computers, each the third generation in their respective product lines. The [Allegro 3 Rugged Handheld Computer](#) is designed for applications requiring full alpha-numeric keyboard input, while the [Archer 3 Rugged Handheld Computer](#) is ideal for single-handed data entry use. Both products were designed for data-intensive applications and are now running on the Android operating system.

Allegro 3

The Allegro 3 is the first rugged, mobile handheld computer from Juniper Systems to utilize the Android operating system. This third-generation product builds upon the formula that Juniper developed and refined in earlier versions of this mobile computer series.

“It has all of the features you love, now on an upgraded platform”, said Jeff Delatore, Juniper Systems’ product manager for Allegro and Archer. “It’s still rugged. It still fits comfortably in your hand. Fans of the Allegro will be really happy because it’s faster now and runs on an operating system that’s beginning to modernize the data collection industry.”

Other features include an ergonomic design that lessens hand and arm fatigue; a high-visibility capacitive display; and a backlit alphanumeric QWERTY keyboard, all carried over from the Allegro 2. The computer supports programmes in five languages, including English, German, and French.

Archer 3

Also running on the Android 7 operating system, the Archer 3 is the first in the Archer series to integrate the world’s foremost mobile OS.

“We gave pocket-sized data collection a serious upgrade,” said Delatore. “It’s the same beloved Archer – but it processes data faster and more efficiently while running on an operating system most people have on their mobile”.

“It’s still an Archer,” said Simon Bowe, managing director of Juniper Systems, “but we’ve made improvements to create an even more impressive data collector.”

Juniper Rugged and Shared Specifications

Both the Allegro 3 and Archer 3 are waterproof, dustproof, shockproof, and meet MIL-STD-810G test procedures. They reliably operate in rain, snow, and extreme temperatures, from -30 degrees C to 70 degrees C.

“Juniper Systems’ core business is rugged data collection devices, and both the Allegro 3 and Archer 3 build atop a quarter century of experience to give our customers the best data collectors yet.” added Bowe.

The Android 7 ‘Nougat’ OS ensures faster data collection, greater speed, and stability on both rugged devices. Users will see programmes and files load more quickly and will experience faster data transfers – all designed to expedite work in the field.

An intelligent lithium-ion battery, optimized for cold weather, powers both the Allegro 3 and Archer 3, and provides operating times of 20 hours on a single charge. The battery is easily changeable in the field and the devices have 2GB of RAM and 16GB of flash storage.

Wireless capability on both products includes 4G LTE, extended-range Wi-Fi, and Smart Ready Bluetooth with a range of greater than 30 metres (100 feet).

Both the Allegro 3 and Archer 3 are available globally.