

Dragonfly

Wearable Computer



Dragonfly is AML's new wearable computing solution designed for hands-free applications. Worker efficiency and output can be substantially improved by freeing hands for sorting, picking, and packing.

Extensive research led to *Dragonfly's* exceptionally well-balanced, low-profile design. The contoured computer-to-arm interface stays secure during continuous physical movements, while the innovative strap design allows for one-handed, on-the-fly adjustments.



Powered by Android™ and featuring a large 4.3" screen, *Dragonfly* runs any native Android application, most web-based applications, and even terminal emulation clients. Barcode scanning options include wireless devices worn on the finger or the back of the hand. An optional keypad is available for data-intensive applications. *Dragonfly's* 18.5 watt-hour battery keeps workers on task through a full shift. The *Dragonfly* wearable computer simply makes completing everyday tasks more efficient.

Features

Lightweight, Compact Design

4.3" LCD with Capacitive Touchscreen

High Performance Architecture

Optional Tactile Keypad

Barcode Scanning

Benefits

AML's wearable computer *Dragonfly* is designed specifically for seamless and comfortable all-day continuous use. *Dragonfly* is a "built for purpose" device, and not merely a repackaged cell phone or PDA. Careful anthropomorphic (human dimensions) based on NASA's publications were taken into account when considering the range of a diverse workforce.

The 4.3" capacitive touchscreen display strikes the ideal balance between adequate viewing area and keeping the *Dragonfly* wearable computer lightweight and low-profile.

Dragonfly is powered by Android with processor speeds up to 2.7 GHz. Fast, efficient performance is the key to keeping workers fully optimized in their tasks.

An optional 21-key tactile keypad is available for data-intensive applications where the onscreen keypad is not preferred. Four programmable keys are available to create "hot buttons" for frequent operations.

Dragonfly's barcode scanning options include wireless wearable scanners worn on the finger or the back of the hand using the optional hand strap or glove.

Physical Specifications

Tactile Keypad (Optional)	Numeric with Alpha, 21 keys
Buttons	4 programmable buttons, Power Button with notification / status LED
Audio	Built-in 1.2W Speaker Dual Digital Mic
I/O Ports	USB-C for Charger and Data (Dual Role Port) Accessory Port (for Keyboard, Scanner, etc.)
Dimensions	4.8" L x 3.7" W x 0.8" H (12cm x 9cm x 2cm)
Weight	9.5oz (269g)
Arm strap	Adjustable velcro strap

Wireless Data Communications

WLAN 802.11ax (Wi-Fi6E) Tri-Band, 2x2

WPAN BLE 5.2 Dual Mode

Environmental Specifications

Storage Temp -20° C to 65° C / -4° F to 149° F

Operating Temp -20° C to 50° C / -4° F to 122° F

Drop Rating 6 Feet / 1.8 Meters

Sealing IP65

Tumble rating 1,000 tumbles

Performance Specifications

Processor Qualcomm® QCS6490 Octa-core
Kryo 670 CPU, 2.7 GHz

OS Android 13+

Memory (RAM) 4GB LPDDR4

Internal Storage 64GB

Features

- 3 Axis Accelerometer / Gyro
- Ambient Light / Proximity Sensor
- LED Flashlight

Barcode Scanning Wireless scanners
(standard or near/far)

Display 4.3" - 800 x 480 IPS LCD
Projected Capacitive Multi-touch
Optically Bonded Gorilla® Glass 5

Main Battery 18.5 Watt-hour (3.7V, 5,000mAh)
Swappable

Application Software AML Setup, AppLync, GlinkVT,
AML Lockdown, AML Barcode
Service, DC Suite, DC Works, and
AML Device Manager

Standard Warranty

AML products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AML under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AML's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AML, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.

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