

# 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 both corded and Bluetooth devices worn on the finger or the back of the hand. An optional keypad is available for data-intensive applications. *Dragonfly's* 18 watt-hour battery keeps workers on task through a full shift. The *Dragonfly* wearable computer simply makes completing everyday tasks more convenient.



| Features                             | Benefits   |
|--------------------------------------|--|
| Lightweight, Compact Design          | AML's wearable computer <i>Dragonfly</i> is designed specifically for seamless and comfortable all-day continuous use. <i>Dragonfly</i> 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.                       |
| 4.3" LCD with Capacitive Touchscreen | The 4.3" capacitive touchscreen display strikes the ideal balance between adequate viewing area and keeping the <i>Dragonfly</i> wearable computer lightweight and low-profile.  |
| High Performance Architecture        | <i>Dragonfly</i> 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.  |
| Extended Battery Life                | <i>Dragonfly's</i> 18.5 watt-hour battery keeps the wearable working for hours, uninterrupted by frequent trips to the charging station. The battery is charged using a separate multi-bay charger or in the device using the USB-C port. The battery is secured in place with a "dove tail" design that keeps it safe yet can be quickly and easily removed when exchanged for a fresh battery. |
| Optional Tactile Keypad              | 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.   |
| Barcode Scanning Capabilities        | <i>Dragonfly's</i> barcode scanning options can include both corded and Bluetooth devices worn on the finger or the back of the hand.  |

## Physical Specifications

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

## Wireless Data Communications

**WLAN** 802.11ax (Wi-Fi 6E) 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

**Tumble Rating** 1,000 tumbles @ 3.3 Feet / 1 Meter

**Sealing** IP65

## Performance Specifications

**Processor** Qualcomm® QCS6490 Octa-core Kryo 670 CPU from 1.9 up to 2.7 GHz

**OS** Android® (13+)

**Memory (RAM)** 4GB LPDDR4

**Internal Storage** 64GB

**Features**

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

**Scan Engine Options** Bluetooth or corded

**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, 5000mAh (swappable)

**Application Software** AML Setup, AppLync, GlinkVT, AML Lockdown, AML Barcode, DC Suite, 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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