



# Nymi Band 2.0 and Nymi Band 3.0 Differences

Connected Worker Platform

V1.1

2021-04-30

---

## Table of Contents

Revision History	2
<b>Nymi Band 2.0 / 3.0 Product Differences</b>	<b>3</b>

### Revision History

Date	Version	Revision History
October 26, 2020	1.0	Initial Release.
April 30, 2021	1.1	Improved graphic.

## Nymi Band 2.0 / 3.0 Product Differences

This section describes the differences between the Nymi Band 2.0 and Nymi Band 3.0 products. This document is a resource to understand the improvements and differences between the two Nymi Band versions.



Component	Nymi Band 2.0	Nymi Band 3.0	Improvements
Form Factor	Watch	Fitness Tracker	<ul style="list-style-type: none"> <li>G3 is smaller which makes it more comfortable and allows it to fit under PPE more easily.</li> </ul>
Strap	Replaceable 22mm strap. Ships with a strap using a	Integrated sports strap with metal peg	<ul style="list-style-type: none"> <li>G3 is a single body design which includes the strap making it easier to clean.</li> </ul>

	buckle clasp.		
Materials	Polycarbonate, glass, steel housing Silicone strap  Compliant with ISO 10993-1 for biocompatibility	Polycarbonate, steel housing TPU strap  Compliant with ISO 10993-1 for biocompatibility	--
Charger	Micro USB	USB Charging Cradle	<ul style="list-style-type: none"> <li>G3 uses a cradle rather than a micro USB port to make the Nymi Band easier to clean.</li> </ul>
Battery	3 days <sup>1</sup>	3 days <sup>1</sup>	--
Buttons	2	2	<ul style="list-style-type: none"> <li>G3 buttons are fully enclosed making it easier to clean</li> </ul>
Screen	64x32 pixels	48x64 pixels	<ul style="list-style-type: none"> <li>G3 has a larger display which will improve the user interface and enable band labels</li> </ul>
Fingerprint <sup>2</sup>	FAR: 3.1 in 50k	FAR: 1 in 500k	<ul style="list-style-type: none"> <li>It will be much more unlikely with G3 that a non-enrolled user's fingerprint will match that of the enrolled user</li> </ul>
ECG	No change		
On-body Detection	No change		
BLE	No change		
NFC	Passive NFC	Active NFC	<ul style="list-style-type: none"> <li>G3 has a much larger range,</li> </ul>

---

			up to 5cm, making the NFC operations more reliable.
Physical Access	NFC UID	NFC UID, HID Seos	<ul style="list-style-type: none"> <li>G3 supports HID Seos for physical access.</li> </ul>
Ingress Rating	IP65	IP66 & IP67	<ul style="list-style-type: none"> <li>G3 has a higher ingress rating that allows for more aggressive cleaning procedures.</li> </ul>

1. 3 days usage with 300 taps per 10 hour shift per day.
2. The fingerprint sensor is slightly smaller on G3 but the underlying software has been updated to net an improvement in performance