



PUMA 5

Movimento's plug-and-play PUMA 5 enables parallel and multi-module reflash, allowing users to complete flashes quickly.

The PUMA 5 is a versatile tool Movimento technicians rely on for emergency reflash support. Also available for lease, the PUMA 5 can either supplement existing rig stations or serve as a standalone reflash solution within your facility.

Supporting the latest vehicle networks and architectures, the PUMA 5 minimizes the need to order additional special hardware or software to handle the demands of modern vehicles. This provides peace of mind at a time when the scale and complexity of vehicle software have never been greater.

100% MODULE FLASH TRACEABILITY

For insights into your production and progress, you can log in to the Nuvolo Cloud and view current and historical production metrics. Most importantly, the Nuvolo Cloud tracks all module flashes with 100% traceability.

PARALLEL, MULTI-MODULE REFLASHING

Proprietary scripting software allows Movimento to support modules and vehicles from any manufacturer and complete multi-module reflashes in parallel. This significantly speeds up the flashing process, particularly in high volume settings.

GET STARTED QUICKLY

All PUMA devices plug easily into OBD ports, enabling fast flashes under just about any conditions, with the PUMA 5 booting in less than 15 seconds.

✓ BENEFITS

- **Capture and analyze vehicle data from up to 4 CAN channels**
- **Ensures that the correct and latest software is flashed onto vehicles during production**
- **Enables production lines to be retooled easily without the need to change software flash procedures**
- **VIN-level reporting, including time stamps for every flash for complete traceability**

EXPERT REFLASH TECHNICIAN SUPPORT

Need help fast? Experienced Movimento technicians can support within as little as 24 hours with best-in-class customer service to ensure your campaigns are successful.

Movimento has an overall flash and reflash success rate of 99.9%, with a 99.5% success rate on new campaigns.

A COMPLETE REFLASH SOLUTION

The Puma 5 creates a streamlined production process by integrating with existing OEM servers at each facility and ensuring that the correct and latest software is flashed onto vehicles during production. This allows production lines to be retooled easily, without the need to change procedures.

To learn more about how the Puma 5 can help solve your unique challenges, contact your Movimento representative for more information or visit [movimentogroup.com](https://www.movimentogroup.com).



FEATURES

Processor	Quad-core 1.6 GHz and 480 MHz processor
RAM	4 GB
Fixed storage	32 GB
Ethernet channels	1 Automotive Ethernet; 1 standard Ethernet
DoIP interface	1
CAN FD channels	4
SWCAN channels	1
LIN channels	1
Power backup	Supercapacitors for controlled shutdown
USB ports	2; USB-A and USB-C with power
Wireless	802.11 ac/a/b/g/n AP and station modes (2.4 GHz and 5 GHz)
Bluetooth	5.3 (including BLE)
Cellular	Internal CAT-4 LTE/GSM/WCDMA
GPS	Internal antenna with up to 10 Hz refresh, 2.5 m accuracy at CEP 50
Protocols supported	CCP, XCP, SAEJ2534, J1939, J1979, J1708, ISO-9141, ISO-14229, ISO-15765, ISO-15031, GMLAN
OLED display	Two lines with 20 characters each
Accelerometer and gyroscope	6D
Security	Integrated security chip
IP rating	IP65
Temperature rating	Operating range -30° C to 65° C; limited functionality -40° C to -31° C and 66° C to 85° C
Dimensions	154 mm x 122 mm x 42 mm

NUVOLO CLOUD SOFTWARE

- Serves as a safe and secure medium for deploying all of your software updates
- Includes a wide range of functionality to support your reflash hardware
- Provides insights into your production and progress
- Allows you to view current and historical production metrics in detail
- Tracks all of your module flashes for 100% traceability and ISO 9001:2015 compliance
- Enables you to troubleshoot software issues quickly and reliably
- Includes an optional project management suite you can use to submit and track service requests

ABOUT MOVIMENTO

Whether you're looking for preproduction, in-plant, or emergency reflash services, Movimento can help solve your flash and reflash challenges.

[Visit movimentogroup.com](http://www.movimentogroup.com)