

## Product Change Notification

### MultiTech Conduit® AP Access Point

## New MTCAP3 Model Numbers with Increased Flash Memory and Updated mPower Version

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Date: November 18, 2024

### I. Product Change Notification (PCN) Number

PCN 11182024-001

### II. Summary

MultiTech announces updated MTCAP3 model numbers with enhanced memory and an updated version of mPower™ Edge Intelligence software. The new MTCAP3 devices include 1 GB flash memory and improved edge-compute capability with continued support on the MultiTech DeviceHQ® Device Management Platform.

Current MTCAP and MTCAP3 (512 MB flash) devices are Not Recommended for New Designs (NRND) effective immediately.

### III. Key Dates

New MTCAP3 devices with 1 GB flash memory and updated mPower software will begin shipping in December 2024.

#### MTCAP3 devices with 512 MB flash memory

- Not Recommended for New Designs (NRND): November 18, 2024
- Near-End-of-Life (NEOL): December 18, 2024
- Last Time Buy (LTB): February 1, 2025 (or while supplies last)
  - Non-Cancellable, Non-Returnable (NCNR) Agreement Required
- Last Ship Date: March 1, 2025 (or while supplies last)
- End-Of-Life (EOL): March 1, 2025 (or while supplies last)

See [model numbers impacted](#) for details

#### MTCAP devices

- Not Recommended for New Designs (NRND): November 18, 2024
- Near-End-of-Life (NEOL): December 18, 2024
- Last Time Buy (LTB): March 1, 2025 (or while supplies last)
  - Non-Cancellable, Non-Returnable (NCNR) Agreement Required
- Last Ship Date: June 1, 2025 (or while supplies last)
- End-Of-Life (EOL): June 1, 2025 (or while supplies last)

See [model numbers impacted](#) for details

#### IV. Impacted Products

##### MTCAP3 Models

NRND Models With 512 MB flash memory		Recommended Replacement .R1 models with 1 GB flash memory	
Ordering Part Number	UPC Code	Ordering Part Number	UPC Code
MTCAP3-LNA7D-A23UEA-LUM	789407375040	MTCAP3-LNA7D-A23UEA-LUM.R1	789407379895
MTCAP3-LEU7-A23EEA-LEM	789407375743	MTCAP3-LEU7-A23EEA-LEM.R1	789407380044
MTCAP3-LNA7D-A23UEA-DUM	789407375880	MTCAP3-LNA7D-A23UEA-DUM.R1	789407380815
MTCAP3-LEU7-A23EEA-DEM	789407375873	MTCAP3-LEU7-A23EEA-DEM.R1	789407380822
MTCAP3-EN-A23EEA-LEM	789407375897	MTCAP3-EN-A23EEA-LEM.R1	789407380846
MTCAP3-EN-A23UEA-LWM	789407375910	MTCAP3-EN-A23UEA-LWM.R1	789407380853
MTCAP3-EN-A23EEA-DEM	789407375903	MTCAP3-EN-A23EEA-DEM.R1	789407380860
MTCAP3-EN-A23UEA-DWM	789407375927	MTCAP3-EN-A23UEA-DWM.R1	789407380877
MTCAP3-LNA7D-A23UEA-LUM-BAC	789407379857	MTCAP3-LNA7D-A23UEA-LUM-BAC.R1 <sup>1</sup>	789407380884
MTCAP3-LEU7-A23EEA-LEM-BAC	789407379437	MTCAP3-LEU7-A23EEA-LEM-BAC.R1 <sup>1</sup>	789407380891
MTCAP3-EN-A23EEA-LEM-BAC	789407379192	MTCAP3-EN-A23EEA-LEM-BAC.R1 <sup>1</sup>	789407380907
MTCAP3-EN-A23UEA-LWM-BAC	789407379208	MTCAP3-EN-A23UEA-LWM-BAC.R1 <sup>1</sup>	789407380914

1- NOTE: BACnet Models will be shipped with mPower 7.0.0 software

##### MTCAP Models

NRND Models		Recommended Replacement .R1 models with 1 GB flash memory	
Ordering Part Number	UPC Code	Ordering Part Number	UPC Code
MTCAP-868-001A	789407367151	MTCAP3-EN-A23EEA-DEM.R1	789407380860
MTCAP-868-001A-WL	789407367991	MTCAP3-EN-A23EEA-DEM.R1	789407380860
MTCAP-868-041A	789407372957	MTCAP3-EN-A23EEA-LEM.R1	789407380846
MTCAP-868-041A-BAC	789407376511	MTCAP3-EN-A23EEA-LEM-BAC.R1	789407380907
MTCAP-868-041A-WL	789407373657	MTCAP3-EN-A23EEA-LEM.R1	789407380846
MTCAP-915-001A	789407367144	MTCAP3-EN-A23UEA-DWM.R1	789407380860
MTCAP-915-001A-WL	789407373640	MTCAP3-EN-A23UEA-DWM.R1	789407380860
MTCAP-915-041A	789407371509	MTCAP3-EN-A23UEA-LWM.R1	789407380853
MTCAP-915-041A-BAC	789407376528	MTCAP3-EN-A23UEA-LWM-BAC.R1 <sup>1</sup>	789407380914
MTCAP-915-041A-WL	789407373640	MTCAP3-EN-A23UEA-LWM.R1	789407380853
MTCAP-IN865-001A	789407370458	MTCAP3-EN-A23EEA-DEM.R1	789407380860
MTCAP-L4E1-868-001A	789407371332	MTCAP3-LEU7-A23EEA-DEM.R1	789407380822
MTCAP-L4E1-868-001A-WL	789407372599	MTCAP3-LEU7-A23EEA-DEM.R1	789407380822
MTCAP-L4E1-868-041A	789407372902	MTCAP3-LEU7-A23EEA-LEM.R1	789407380044

MTCAP Models			
NRND Models		Recommended Replacement .R1 models with 1 GB flash memory	
Ordering Part Number	UPC Code	Ordering Part Number	UPC Code
MTCAP-L4E1-868-041A-WL	789407373633	MTCAP3-LEU7-A23EEA-LEM.R1	789407380044
MTCAP-LNA3-915-001A	789407373589	MTCAP3-LNA7D-A23UEA-DUM.R1	789407380815
MTCAP-LNA3-915-001A-WL	789407373343	MTCAP3-LNA7D-A23UEA-DUM.R1	789407380815
MTCAP-LNA3-915-041A	789407373565	MTCAP3-LNA7D-A23UEA-LUM.R1	789407379895
MTCAP-LNA3-915-041A-WL	789407373626	MTCAP3-LNA7D-A23UEA-LUM.R1	789407379895

## V. Overview of Change

Differences and enhancements within the MTCAP and MTCAP3 devices.

	MTCAP models	MTCAP3 models (512 MB Flash)	MTCAP3 .R1 models (1 GB Flash)
<b>Hardware Version</b>	MTCAP-0.2 MTCAP-0.1 MTCAP-0.0	MTCAP3-0.0	MTCAP3-0.1
<b>Memory</b>	512 Flash 512 RAM	512 Flash 512 RAM	1 GB Flash 512 RAM
<b>Processor</b>	ARM9 Processor	Cortex A7 Processor	Cortex A7 Processor
<b>LoRaWAN Performance</b>	-	-	Improved performance over current MTCAP3-A23 Models
<b>Semtech Transceiver</b>	SX1301	SX1303	SX1303
<b>LoRaWAN Spreading Factors</b>	SF7 – SF12	SF5 - SF12 <ul style="list-style-type: none"> <li>Optimized network performance</li> <li>Increased LoRa traffic</li> <li>Improved end-device battery performance</li> </ul>	SF5 - SF12 <ul style="list-style-type: none"> <li>Optimized network performance</li> <li>Increased LoRa traffic</li> <li>Improved end-device battery performance</li> </ul>
<b>Cellular Radio Support European Union United Kingdom</b>	<b>L4E1 Models</b> 3GPP Release 10 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G/2G fallback (Telit LE910C4-EU)	<b>LEU7 Models</b> LTE 3GPP Release 11 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G/2G fallback (Quectel EG95-E)	<b>LEU7 Models</b> LTE 3GPP Release 11 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G/2G fallback (Quectel EG95-E)
<b>Cellular Radio Support Canada United States</b>	<b>LNA3 Models</b> 3GPP Release 9 4G-LTE FDD Category 1 10 Mbps peak downlink 5 Mbps peak uplink with 3G fallback (Telit LE910-NA1)	<b>LNA7D Models</b> LTE 3GPP Release 11 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G fallback (Quectel EG95-NAXD)	<b>LNA7D Models</b> LTE 3GPP Release 11 4G-LTE FDD Category 4 150 Mbps peak downlink 50 Mbps peak uplink with 3G fallback (Quectel EG95-NAXD)

	MTCAP models	MTCAP3 models (512 MB Flash)	MTCAP3 .R1 models (1 GB Flash)
<b>Ethernet only Models</b>	Ethernet 10/100	<b>EN Models</b> Ethernet 10/100	<b>EN Models</b> Ethernet 10/100
<b>mPower Support</b>	mPower 6.3.4 mPower 6.3.2 mPower 6.3.1 mPower 6.3.0	mPower 6.3.2	mPower 6.3.5 only
<b>Device Management</b>	DeviceHQ	DeviceHQ	DeviceHQ

## VI. Additional Documentation

	MTCAP models	MTCAP3 models (512 MB Flash)	MTCAP3- R1 models (1 GB Flash)
<b>Hardware Guide</b> European Union United Kingdom	<b>L4E1 Models</b> <a href="#">S000793</a>	<b>LEU7 Models</b> <a href="#">S000800</a>	<b>LEU7 Models</b> <a href="#">S000800</a>
<b>Hardware Guide</b> Canada United States	<b>LNA3 Models</b> <a href="#">S000725</a>	<b>LNA7D Models</b> <a href="#">S000801</a>	<b>LNA7D Models</b> <a href="#">S000801</a>
<b>Hardware Guide</b> Ethernet only Models	<a href="#">S000725</a>	<b>EN Models (Canada, U.S.)</b> <a href="#">S000801</a> <b>EN Models (EU, GB)</b> <a href="#">S000800</a>	<b>EN Models (Canada, U.S.)</b> <a href="#">S000801</a> <b>EN Models (EU, GB)</b> <a href="#">S000800</a>
<b>AT Command Guides</b> European Union United Kingdom	<b>L4E1 Models</b> <a href="#">80502ST10950A</a>	<b>LEU7 Models</b> <a href="#">EG95-EG25-docs</a>	<b>LEU7 Models</b> <a href="#">EG95-EG25-docs</a>
<b>AT Command guides</b> Canada United States	<b>LNA3 Models</b> <a href="#">80446ST10707A</a>	<b>LNA7D Models</b> <a href="#">EG95-EG25-docs</a>	<b>LNA7D Models</b> <a href="#">EG95-EG25-docs</a>
<b>mPower Software</b> <b>Release Notes</b>	<a href="#">Software Release Notes</a>	<a href="#">Software Release Notes</a>	<a href="#">Software Release Notes</a>
<b>Developer Support</b>	<a href="#">MultiTech Developer Resources</a>		

## VII. Warranty and Support

All MultiTech products include a two-year warranty that includes on-line technical support and 24-hour website support.

## VIII. Additional Information

If you have any questions or require additional information on this Product Change Notification, please contact your MultiTech sales representative or visit the resources listed below:

**World Headquarters** +1 (763) 785-3500  
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**United Kingdom** [sales@multitech.co.uk](mailto:sales@multitech.co.uk)

**MultiTech Website** [www.multitech.com](http://www.multitech.com)

**MultiTech Support Portal** <https://support.multitech.com/support/login.html>

**MultiTech EOL Products Summary** <https://multitech.com/eol-products/>

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## Revision History

Version	Author	Date	Change Description
-001	MP	11/18/2024	Original Publication