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## Unboxing the UWB Linux Dev Kit for QM35825

00:00:04.820 --> 00:00:06.340  
Welcome to our introduction

00:00:06.340 --> 00:00:09.760  
to the Qorvo QM35825  
Dev Kit for Linux.

00:00:10.300 --> 00:00:15.680  
With Ultra-wideband high-precision  
ranging, this kit measures distance within 5 centimeters

00:00:15.680 --> 00:00:18.460  
and is accurate  
to just 2 degrees between devices.

00:00:18.940 --> 00:00:20.400  
And there's more.

00:00:20.400 --> 00:00:23.160  
The kit also features  
a built-in radar mode

00:00:23.160 --> 00:00:26.560  
that scans the environment  
to detect motion and presence.

00:00:27.180 --> 00:00:30.480  
Let's take a closer  
look at what's inside the box.

00:00:30.700 --> 00:00:34.080  
You'll find a QR code card  
linking to the Qorvo dev kit page,

00:00:34.680 --> 00:00:39.020  
a USB adapter  
and two USB-C cables for power and control

00:00:39.500 --> 00:00:43.100  
and your Qorvo evaluation boards,  
ready to use.

00:00:43.740 --> 00:00:45.700  
The dev kit includes two modules

00:00:46.100 --> 00:00:50.000  
each built around the same UWB radio board  
with four antennas.



00:00:50.780 --> 00:00:55.020

Module one runs on a Raspberry Pi  
with Linux, perfect for onboard control.

00:00:55.520 --> 00:00:58.740

Module two connects to your PC via USB-C

00:00:59.040 --> 00:01:03.240

letting you control the radio directly  
using Python scripts and UWB Explorer app.

00:01:03.780 --> 00:01:08.160

It's a flexible setup, made for rapid  
prototyping and real-world testing.

00:01:09.180 --> 00:01:12.480

Start by installing the Qorvo  
UWB Explorer app.

00:01:13.100 --> 00:01:16.160

Then connect the kit using the USB-C cable

00:01:17.180 --> 00:01:19.000

and setup is complete.

00:01:19.680 --> 00:01:24.080

With just a few clicks, run distance  
measurements, explore angle detection

00:01:24.320 --> 00:01:27.920

and unlock radar-based presence sensing,  
all in one place.

00:01:28.940 --> 00:01:32.120

Visit our website at [Qorvo.com](https://www.qorvo.com)  
for more information

00:01:32.120 --> 00:01:33.620

or to order your Qorvo Kit.

00:01:33.620 --> 00:01:35.260

Thank you for watching.