Items used in this QuickStart Guide.
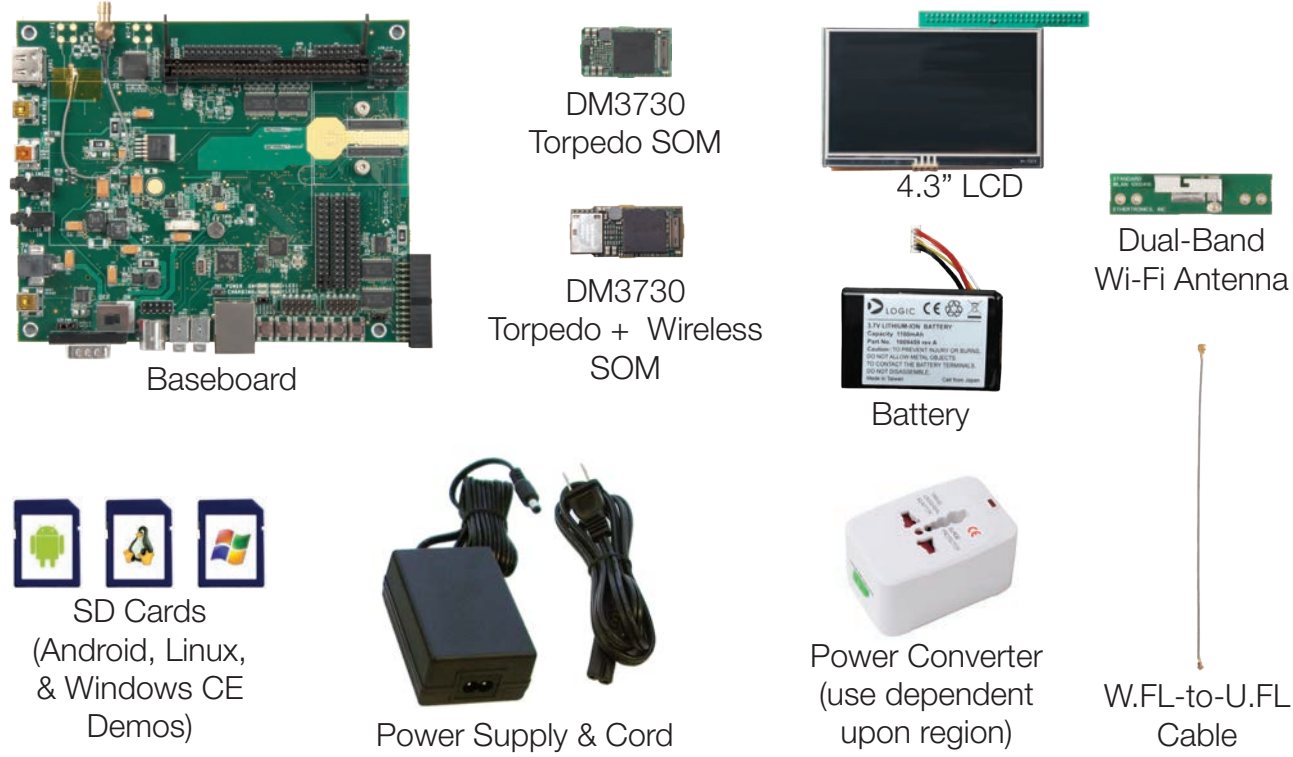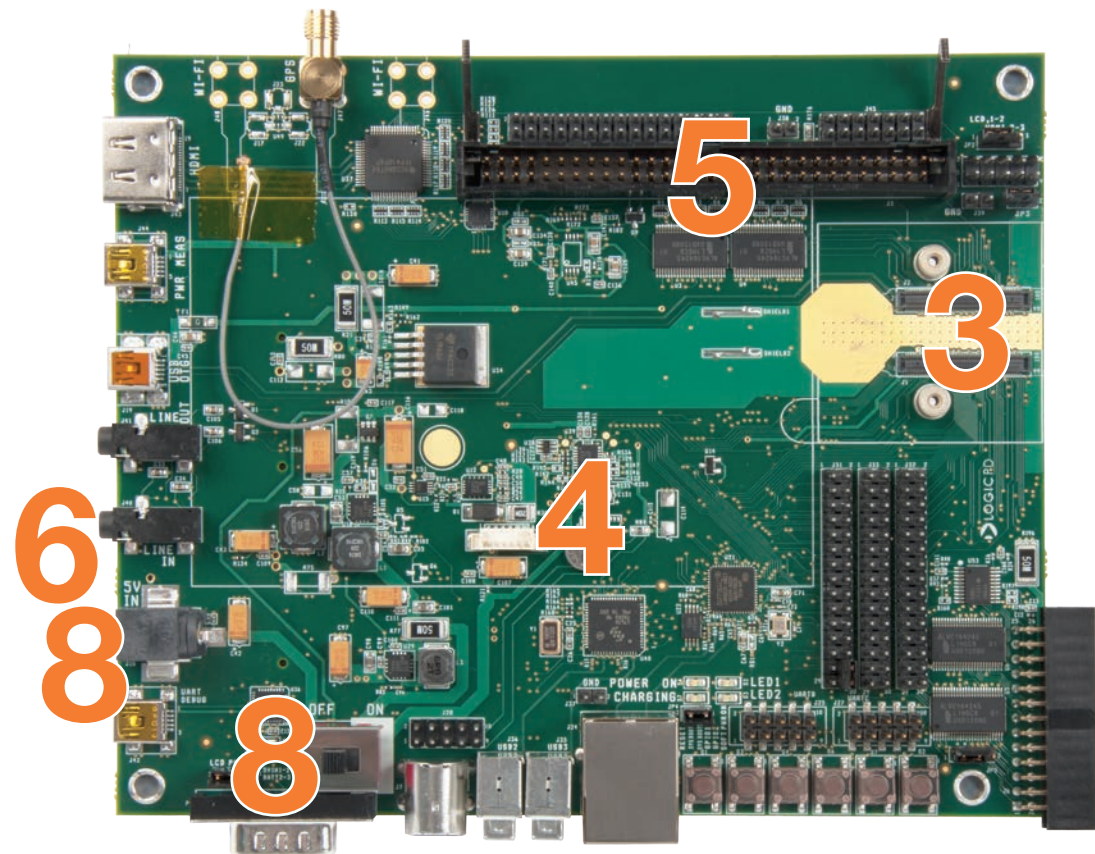(Complete kit contents provided on the included Packing List.)

Baseboard

DM3730 Torpedo SOM

DM3730 Torpedo + Wireless SOM

4.3" LCD

Battery

Dual-Band Wi-Fi Antenna

SD Cards (Android, Linux, & Windows CE Demos)

Power Supply & Cord

Power Converter (use dependent upon region)

W.FL-to-U.FL Cable

Important baseboard locations.
(Numbers correspond to steps on the right.)

ATTENTION: Electrostatic sensitive devices; observe proper precautions for handling such devices.

Demo setup.
(Setup development kit to sample OS demos.)

1 Connect W.FL-to-U.FL cable to dual-band Wi-Fi antenna

2 Connect cable to Torpedo + Wireless SOM at reference designator J7[1]

3 Connect Torpedo + Wireless SOM;[2] press straight down over connectors[3]

4 Connect battery (tabs on side of connector indicate proper alignment)

5 Connect 4.3" LCD; remove protective plastic covering

6 Choose OS demo[4] and insert SD card into bootable slot on bottom of baseboard

7 Connect power cord and supply

8 Connect power to baseboard and electric outlet; switch power on

9 GUI will appear on LCD screen (Android demo shown)

10 To sample other OS demos: power off kit, remove SD card, and repeat Steps 6 and 8

11 To sample Torpedo SOM: power off kit, connect SOM,[2] and repeat Steps 6 and 8

Next steps

1. Antenna connectors on Torpedo + Wireless SOM are very fragile; take extreme care when attaching antenna to SOM.

2. Ensure connector on top of SOM is aligned with outside edge of baseboard.

3. Antenna should be routed away from LCD connector, towards baseboard buttons.

4. Windows CE demo not supported on Torpedo + Wireless SOM.

Next steps.
(Prepare for development.)

12 Register Your Kit
To gain access to additional documentation and software, register your kit on Logic PD's website:
support.logicpd.com/auth/register_product.php

13 Documentation Overview
Whether you're developing for hardware or software, the Documentation Overview provides a path for progressing through the available documentation. A printed version of this flowchart is included in your kit. A PDF version with active links to the documents is available for each SOM on Logic PD's website.

DM3730 Torpedo SOM:
support.logicpd.com/downloads/1418/

DM3730 Torpedo + Wireless SOM:
support.logicpd.com/downloads/1485/

14 Support Services Overview
The Support Services Overview provides a path for progressing through the available support services provided by Logic PD. A PDF version of this flowchart with active links to the websites and forms is available on Logic PD's website:
support.logicpd.com/downloads/1530/

Troubleshooting

If you are having trouble accessing the OS demos on the included SD cards, try the following:

+Verify the SOM is securely connected to the baseboard.
+Verify the correct SD card is inserted into the correct SD slot on the baseboard (located at reference designator J21).
+Verify both the battery and 5V power supply are attached.
+Verify jumper JP2 is set on pins 1-2.

If the Android demo enters sleep mode and does not respond to the touch interface, press and hold the S2 button to wake it.

If you are having trouble accessing Wi-Fi communication, the second Wi-Fi antenna included in the kit may be necessary. This antenna is required for connecting to 802.11a networks. Instructions for connecting the antenna can be found in the *DM3730 Torpedo Development Kit User Guide*.
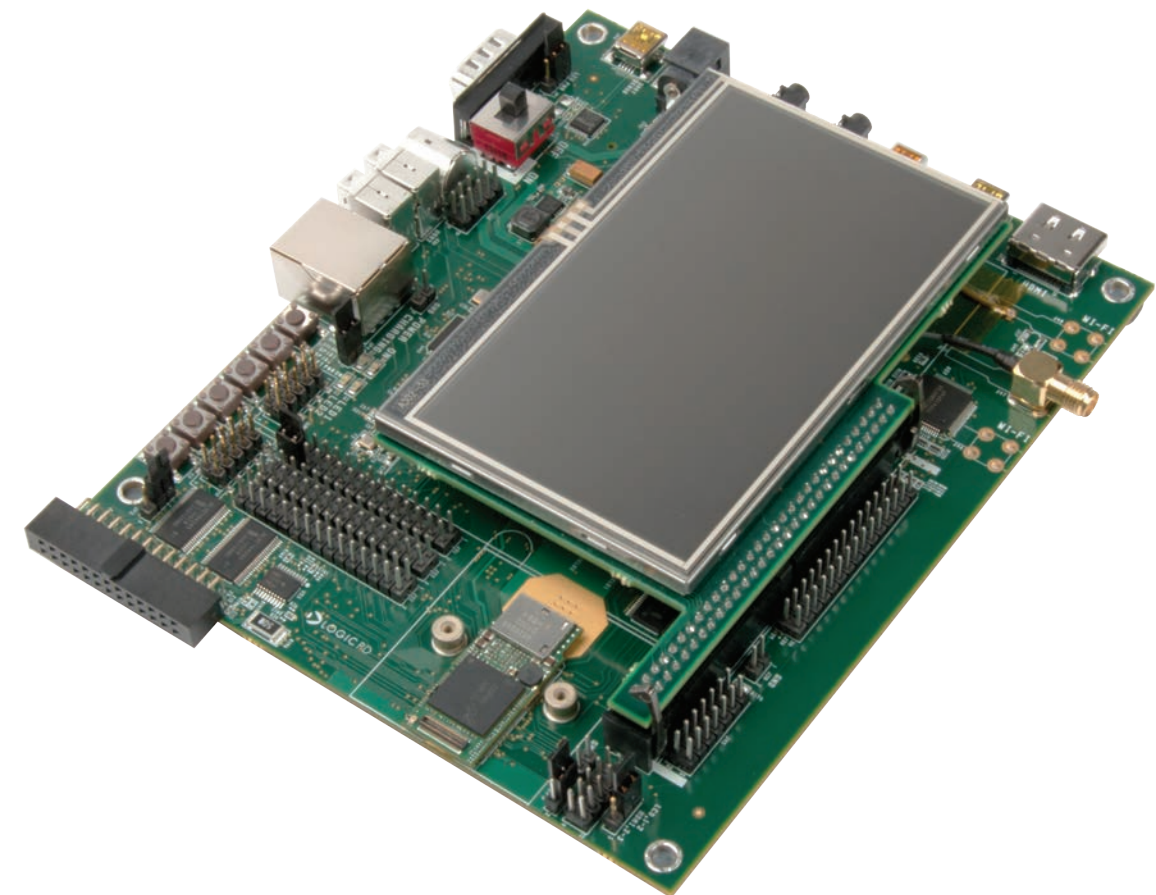
For support questions, please contact:
support.logicpd.com/support/askaquestion.php

DM3730 Torpedo Development Kit documentation and software available after kit registration:
**support.logicpd.com/auth/downloads/
DM3730-AM3703-Torpedo/**

PN 1021757A

ZOOM™ DM3730 Torpedo Development Kit

QuickStart Guide

Congratulations on your purchase of the Zoom™ DM3730 Torpedo Development Kit. This Zoom Development Kit provides a product-ready hardware and software platform for evaluating the functionality of the Texas Instruments (TI) DaVinci™ DM3730 digital media processor and the Logic PD System on Module (SOM).

TEXAS INSTRUMENTS

LOGIC PD™