

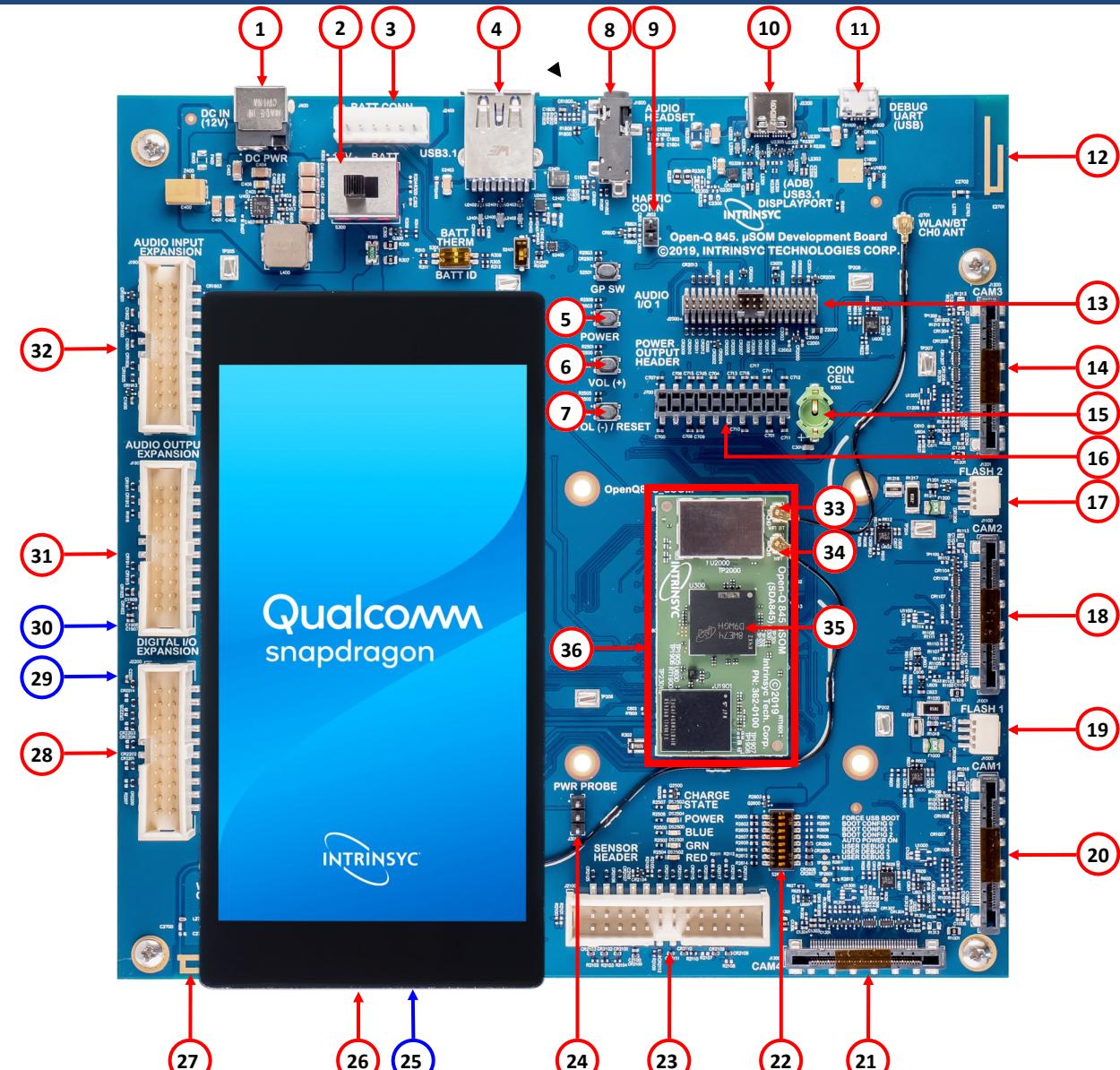
Package Contents

1. Open-Q™ 845 µSOM with SDA845 processor
2. Open-Q™ 845 µSOM Carrier Board
3. AC Power Adapter
4. LCD/Touchpanel (Optional)

1. 12V DC power jack
2. Power source switch (DC/Batt)
3. Battery connector
4. USB 3.0 Type-A Connector
5. Power button
6. Volume + button
7. Volume - button
8. Audio Headset Jack
9. Haptic Output Header
10. USB 3.0 Type-C connector
11. USB debug UART Micro B
12. WLAN/BT Channel 0 Antenna (PCB trace)
13. Audio I/O expansion header
14. MIPI Camera 3 Connector
15. Coin Cell Battery Holder
16. Power Header
17. Flash 2 Connector
18. MIPI Camera 2 Connector
19. Flash 1 Connector
20. MIPI Camera 1 Connector
21. MIPI Camera 4 Connector
22. System configuration switches
23. Sensor expansion header
24. SOM current sense header
25. Micro SD socket*
26. Open-Q™ LCD Touch Panel (optional)
27. WLAN Channel 1 Antenna (PCB trace)
28. Digital I/O connector
29. Mini-PCIe Card Connector*
30. Mini-PCIe SIM Card socket*
31. Audio Output expansion header
32. Audio Input expansion header
33. WLAN/BT Channel 0 U.FL Antenna Connector
34. WLAN Channel 1 U.FL Antenna Connector
35. Snapdragon SDA845 CPU
36. Open-Q 845 System on Module (SOM)

* On Bottom side

Specifications are subject to change - Open-Q 845 µSOM DK QSG Rev. 1.0



Development Kit Setup

1. At a static-safe workstation, remove the development kit board carefully from the anti static bag

2. Connect the Power Adapter to the 12V DC Jack (1) and then press and hold the ON/OFF button (5) until you see the Intrinsyc logo appear on the display (~3 seconds)

3. Documentation and software

To access the documentation (schematics, user guides, datasheets, programming guides, tech notes...), platform BSP software and much more, please register at:

<http://tech.intrinsyc.com>



Development Kit Support

Should you require more information or assistance, you can contact us at:

<https://www.intrinsyc.com/contact-support>

Intrinsyc also provides technical information and videos on Snapdragon processors at:

<https://www.intrinsyc.com/resources>

Should you require additional technical support for your Development Kit you can easily purchase a technical support package from the Intrinsyc store:

<http://shop.intrinsyc.com/collections/technical-support-packages>

Thank you for purchasing the Open-Q 845 µSOM Development Kit

The Intrinsyc Team