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Open-Q™ 865XR SOM Development Kit
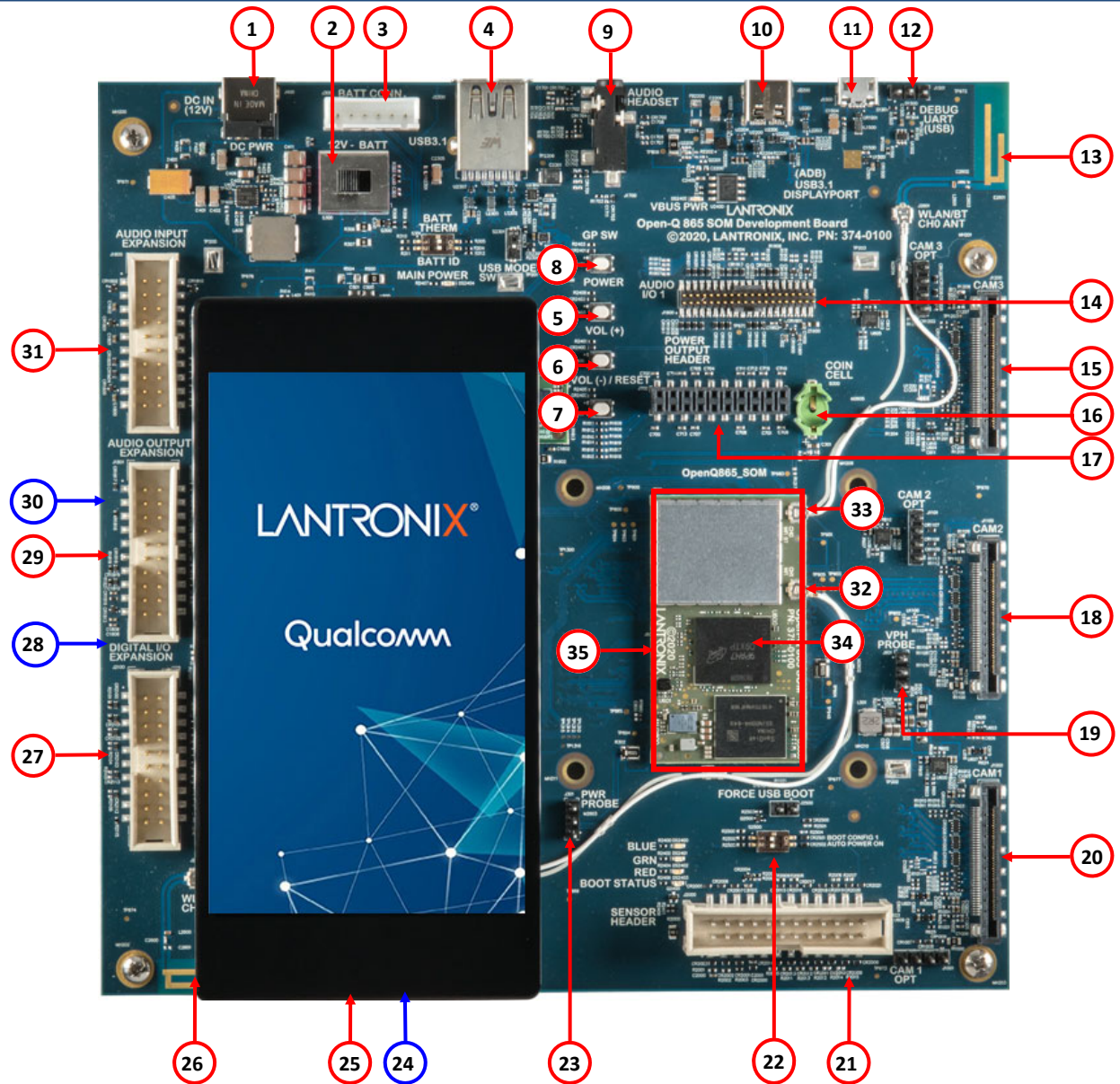# Quick Start Guide

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Package Contents

1. Open-Q™ 865XR SOM with SXR2130P processor
2. Open-Q™ 865XR SOM 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 +
7. Volume - / Reset button
8. General Purpose Button
9. Audio Headset Jack
10. USB 3.0 Type-C connector
11. USB debug UART Micro B
12. Debug UART Header
13. WLAN/BT Channel 0 Antenna (PCB trace)
14. Audio I/O expansion header
15. MIPI Camera 3 Connector
16. Coin Cell Battery Holder
17. Power Header
18. MIPI Camera 2 Connector
19. VPH_PWR current sense header
20. MIPI Camera 1 Connector
21. Sensor expansion header
22. System configuration switches

23. SOM current sense header
24. Micro SD socket*
25. Open-Q™ LCD Touch Panel (optional)
26. WLAN Channel 1 Antenna (PCB trace)
27. Digital I/O connector
28. SIM Card connector*
29. Audio Output expansion header
30. M.2 PCIe Socket (B-key) *
31. Audio Input expansion header
32. WLAN Channel 1 U.FL Antenna Connector
33. WLAN/BT Channel 0 U.FL Antenna Connector
34. SXR2130P CPU
35. Open-Q 865XR System on Module (SOM)

* On Bottom side

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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 boot indicator LED lights (~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

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Development Kit Support

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

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

Lantronix also provides technical information and videos on Qualcomm 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 Lantronix store:

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

Thank you for purchasing the Open-Q 865XR SOM Development Kit

The Lantronix Team