Open-Q™ 845 HDK Development Kit
Quick Start Guide

INTRINSYC®
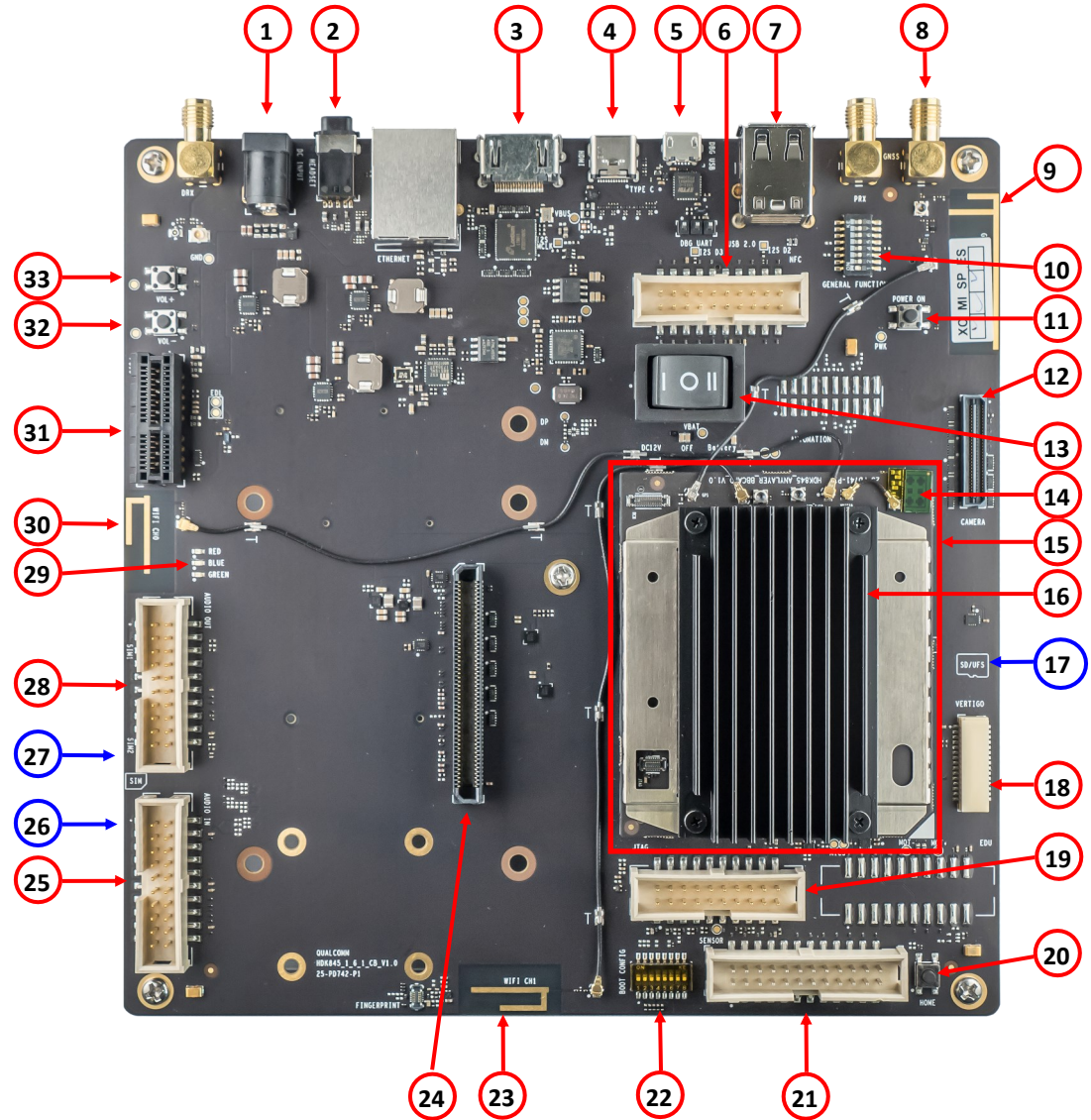
Qualcomm® snapdragon™

Package Contents

1. Processor board with SDA845 SoC
2. Carrier board
3. 12V AC power adapter
4. Charger with USB cable
5. Optional LCD/touchpanel if purchased.

1. 12V DC jack	22. Boot configuration switches
2. 3.5mm headset jack	23. WiFi CH1 antenna
3. HDMI Type-A output	24. Connector for optional LCD
4. USB 3.1 type C	25. Audio in header (analog + digital)
5. UART debug over Micro B	26. SIM 2 slot*
6. NFC header	27. SIM 1 slot*
7. Dual USB 2.0 Type-A host	28. Audio out header (analog + digital)
8. GPS SMA antenna connector	29. Red-Blue-Green LEDs
9. GPS PCB antenna	30. WiFi CH0 antenna
10. General function switches	31. PCI Express
11. Power button	32. Volume - button
12. Camera card connector (3 ports)	33. Volume + button
13. Power switch (12V DC or battery)	
14. WiGig antenna	* on bottom side
15. Processor board	
16. Heatsink	
17. Micro SD slot*	
18. Vertigo sensor connector	
19. JTAG header	
20. General button	
21. Sensor expansion header	

Open-Q™ 845 HDK Development Kit
Quick Start Guide

Development Kit Setup

1. Remove the development kit board carefully from the anti static bag only at a static-safe workstation.

2. Connect the HDMI cable from the development kit to a display
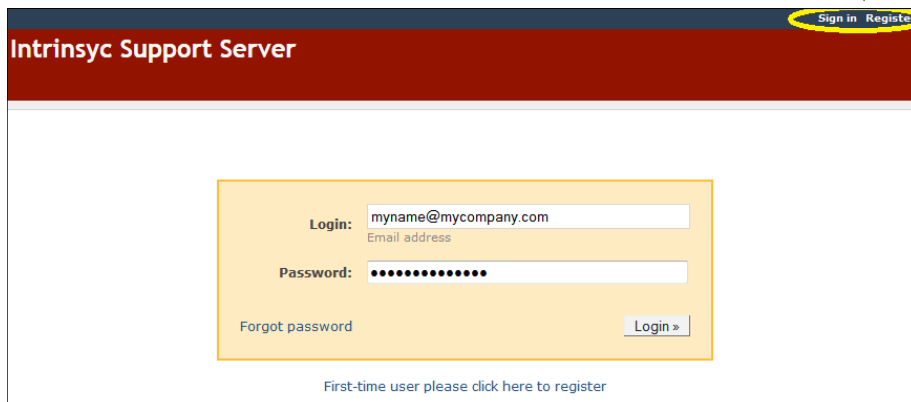
3. Select "I" on the Power switch, connect the 12V Power Adapter into the DC jack then press once the power button for the board to boot

Consult the User Guide to boot in battery mode.

4. Documentation and software

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

http://support.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 block of technical support hours from the Intrinsyc store:

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

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

The Intrinsyc Team