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Open-Q[™] 845 HDK Development Kit Quick Start Guide



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

21. Sensor expansion header

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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

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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

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