

# Qseven™ Mobility Kit

The congatec Qseven™ mobility kit provides the ability to start evaluating Qseven™ modules for all kind of mobile applications immediately.

Contents:

---

Qseven™ mini carrier board

---

19V DC power supply

---

Flat panel LVDS adapter with USB touch controller and LED backlight control

---

5,7" TFT LVDS display with installed touch panel and LED backlight

---

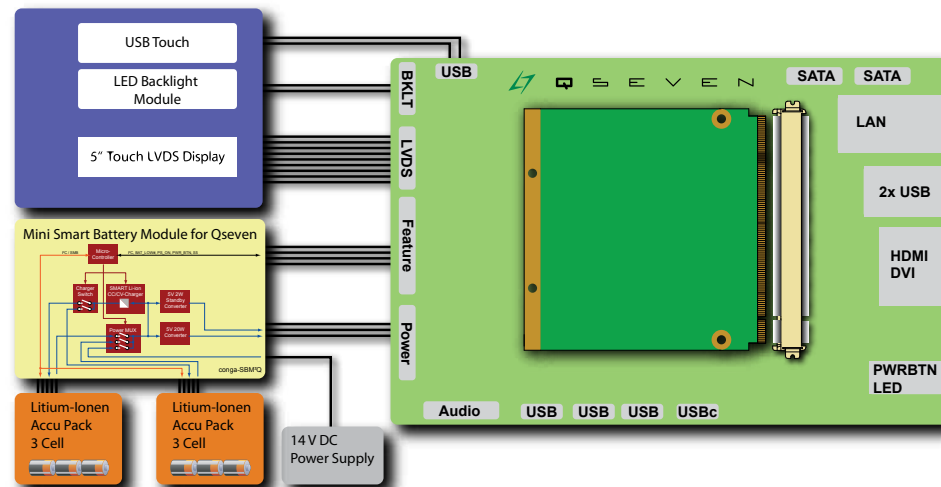
HDMI-to-DVI adapter

---

conga-SBM<sup>2</sup>Q battery management module

---

Smart battery



## Order Information

Article	PN	Description
Qseven Mobility Kit	077460	Complete ready-to-use starter kit for mobile applications
Qseven mini carrier board	020710	Mini carrier board for Qseven™
conga-SBM <sup>2</sup> Q	tbd	SMART Battery Manager Module for Qseven
conga-SBM <sup>2</sup> Q Licence	tbd	SMART Battery Manager Module Design Kit for Qseven including licence agreement for customer and Design Kit integration, Hardware design files (schematics, Bill of Material), Battery Manager Firmware (incl. commented source code), AVR-Programming Tool AT90 JTAG

# Qseven™ Mini Carrier Board

Carrier Board at the Size of a 5.7" Flat Panel Display.

The conga-Qcarrier is a full featured, miniaturized carrier board for Qseven™.




---

Dimensions 95 x 140 mm

---

Power Supply Typ. 19 V DC (wide range input 12–32 V)

## Interfaces

- High Definition Audio:
- Mic In / Audio In / Audio Out
- I<sup>2</sup>C Bus 400 MHz
- 18 bit Single Channel LVDS Flat Panel Display Connector
- USB Touch Controller
- 2x USB 2.0 (Type A Connector)
- 4x USB 2.0 (Pin Header)
- GBit Ethernet
- 1x HDMI (DVI via cable Adapter)
- 2x SATA & Power Output

## Expansion

- 1x Mini PCI Express Slot
- 1x SDIO Card Interface
- SD-Card

## Special Features

- Watchdog timer
- Thermal management
- Fan control

