

# Ultra Lite and Lite Qseven Carrier Boards

Connect Tech's Ultra Lite and Lite Qseven Carrier boards are low cost, feature rich carriers that integrate with any industry standard Qseven module.

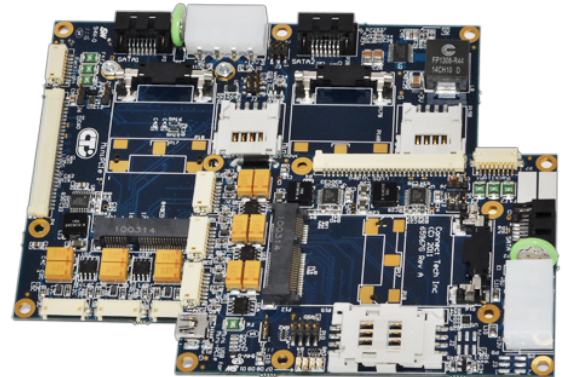
Ultra Lite and Lite Qseven Carrier Boards offer a variety of embedded processor options including AMD Fusion/G-Series, Intel® Atom™ Z500 & E600, Freescale i.MX6. These carrier boards are not tied to any specific bus architecture and offer Mini-PCIe and SIM-card expansion capability. Add your choice of Mini-PCIe peripherals, including WiFi, GPS, Bluetooth or storage depending on your application, and gain instant access to a low cost, compact and flexible computing solution.

The Ultra Lite and Lite Qseven Carrier Boards are ideal for mobile entertainment, kiosks, digital signage, soldier wearables and gaming just to name a few.



**Product Names & Part Numbers:**

Ultra Lite Qseven Carrier Board - QCG005, QCG011, QCG015  
and Lite Qseven Carrier Board - QCG006



Note: Qseven module mounted on bottom. Qseven module sold separately.

## FEATURES

- ✓ Integrates with any industry standard off-the-shelf Qseven module
- ✓ Optional cable kits available for easy connection to Qseven features
- ✓ AMD, Intel® Atom™ and Freescale i.MX6 options

	Ultra Lite			Lite
	QCG005	QCG011	QCG015	QCG006
<b>Size</b>	PicoITX, 72x100mm	PicoITX, 72x100mm	PicoITX, 72x100mm	128x100mm
<b>Mini-PCIe Connector</b>	1	1	-	2
<b>mSATA</b>	-	-	1	-
<b>SIM Card Connector</b>	1	1	-	2
<b>LVDS Video &amp; Back Light Controls</b>	✓	✓	✓	✓
<b>HDMI Video/Audio</b>	-	-	✓ Micro HDMI	✓
<b>Power Connectors:</b>				
• Molex Power	✓	✓	Optional*	✓
• 2 PC Screw Term Connector	Optional*	Optional*	✓	Optional*
<b>USB 2.0 Ports</b>	4	4	4	8
<b>USB Client Port</b>	-	1	1	1
<b>Gigabit Ethernet</b>	-	1	1	1
<b>RS-232/RS-485</b>	-	-	1/0	1/0
<b>SATA Ports</b>	1	1	1	2
<b>microSD Card</b>	-	-	✓	✓
<b>RTC Battery</b>	✓	✓	✓	✓
<b>Operating Temperature</b>	-40°C to 85°C (-40 °F to 185 °F)	-40°C to 85°C (-40 °F to 185 °F)	-40°C to 85°C (-40 °F to 185 °F)	-40°C to 85°C (-40 °F to 185 °F)
<b>Power Requirements</b>	+5V 6A, +12V 200ma	+5V 6A, +12V 200ma	+5V 6A, +12V 200ma	+5V 6A, +12V 200ma
<b>Accessories</b>	Optional Cable Kit*	Optional Cable Kit*	Optional Cable Kit*	Optional Cable Kit*
<b>Warranty and Support</b>	2 Year Warranty and free support for Ultra Lite and Lite			

**RoHS**

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