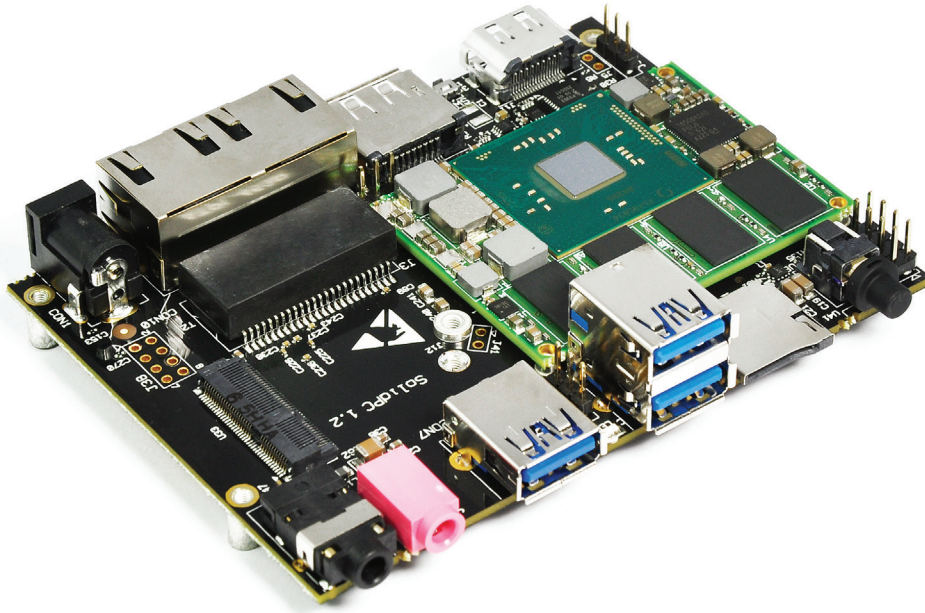


# Intel Braswell SolidPC Q4

SolidRun Carrier Board for MicroSoM™ IB8000/IB3710

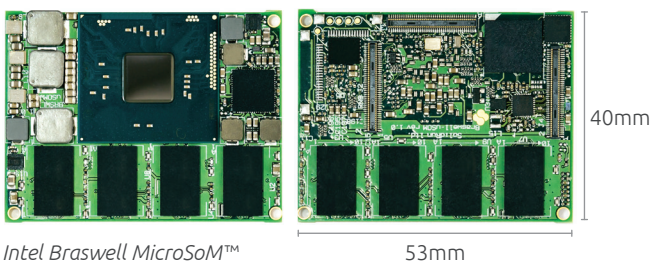


## One Carrier Fits All

Embedding Intel processors in your system is easier than ever with the SolidPC Q4 carrier board. SolidRun's SolidPC Q4 single-board-computer (SBC) and Braswell-embedded MicroSoM™ is ready to deploy – or can serve as a reference for your own design. Either way, you'll reduce development costs and shorten time to market.

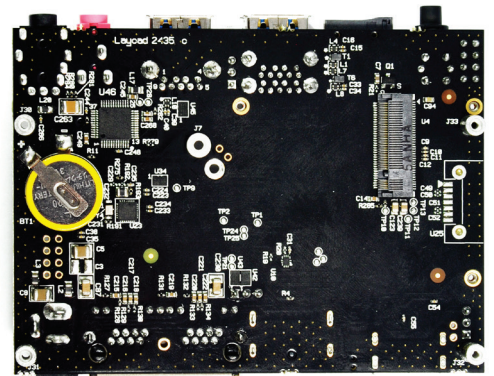
Offering a variety of communications interfaces, the SolidPC Q4 platform is an ideal solution for heavy-duty computing devices that connect to the IoT.

- » **Deployment ready** – The SolidPC Q4 is ready to deploy for your next big project.
- » **Well connected** – The SolidPC Q4 carrier board offers a wide array of wireless and wired connection interfaces.
- » **No Headaches** – SolidPC Q4 carrier board was designed to serve as a reference for rapid-paced customization projects.
- » **Reduces TTM, Design Risk and Cost.**



Intel Braswell MicroSoM™

|                    | SolidPC Q4   |
|--------------------|--|
| SoM Model          | Quad Core Intel Atom E8000<br>Quad Core Intel Pentium N3710  |
| Memory and Storage | Up to 8GB DDR3*<br>uSD UHS-1 Support<br>4GB eMMC*<br>M.2 (2242) SSD Connector  |
| Connectivity       | Displayport<br>HDMI 1.4b (up to 4k30fps)<br>2×RJ45 with PoE option<br>3×USB 3.0 Host<br>M.2 2230 Connector for WiFi/BT<br>Mic-In<br>Stereo Out / Toslink<br>2×UART Headers |
| I/O and Misc.      | Power on Button<br>Reset Button<br>Indication LEDs   |
| OS Support         | Windows, Linux, Android  |
| Power              | DC input 7V-21V<br>Battery for RTC   |
| Dimensions         | 100mm×80mm   |
| Enclosure          | Optional Metal Enclosure   |

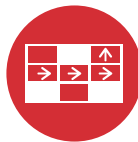


\*Based on the uSOM model  
Longevity - 7 years

## Applications:



Industrial PC



Digital Signage



Video Analytics



Security



Medical



Drones

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