

IBX SolidPC

[ibx](#), [usom](#), [microsom](#), [carrierboard](#), [braswell](#), [solidpc](#)



Description

Embedding Intel processors in your system is easier than ever with the SolidRun SolidPC 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 platform is an ideal solution for heavy-duty computing devices that connect to the IoT.

Comparison Table

Description/Model	SolidPC Q4 Carrier Board
MicroSOM	Quad Core Intel Braswell E8000 Quad Core Intel Braswell N3710
Memory and Storage	Up to 8GB DDR3* uSD UHS-1 Support eMMC** M.2 (2242) SSD Connector
Connectivity	Displayport (up to 4k30fps) HDMI 1.4b (up to 4k30fps) 2 x Ethernet (RJ45) with PoE option 3 x USB 3.0 Host M.2 (2230) Connector for WiFi/BT 2 x UART Headers 1x USB OTG Mic-In Stereo Out / Toslink
I/O and Misc.	Power on Button Reset Button Indication LEDs 21 Testpoints for Development SATA Pinouts
OS Support	Windows, Linux, Android (x64/x86 Software)

Description/Model	SolidPC Q4 Carrier Board
Power	DC input 7V-21V Battery for RTC
Dimensions	100mm x 80mm
Enclosure	Optional Metal Enclosure or Heatsink

* Based on the uSOM model
** Assembly option (on SoM)

External Links

- <https://www.solid-run.com/intel-braswell-family/solidpc-q4-carrier-board/>

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