



QBiP-1165G7B – 3.5" SBC with 11th Generation Intel® Core™ i7-1165G7 Processor

The QBiP-1165G7B is a small form factor board with extensive I/O and a powerful processor. It has support for up to three independent display outputs, making it an excellent solution in point of sale or in digital signage applications. The QBiP-1165G7B's small footprint along with its powerful processor make it an incredible industrial solution.

SPECIFICATIONS

CPU	Intel® Core™ i7-1165G7 Processor
Memory Type	260-pin DDR4 3200MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	64GB
Integrated Graphics	Intel® Iris® Xe Graphics
Video	2 x HDMI, 1 x LVDS
LAN Ports	1 x Intel® i219V Gigabit LAN, 1 x Intel® i211AT Gigabit LAN
Serial ATA (SATA)	1 x SATA III
GPIO Interface	1 x 8-bit GPIO Header
TPM	1 x TPM header (Optional Infineon SLB9670VQ2. Please contact sales for more information)
Extended Interface	1 x M.2 M-Key 2280 (PCIe x2, SATA 6Gb/s), 1 x M.2 E-Key 2230, 1 x Full-size Mini PCIe with SIM slot, 1 x PCIe x1 (Board to Wire connector, PCIe Gen3 x1)
Rear I/O	4 x USB 3.2 Gen 2x1, 2 x LAN, 2 x HDMI, 1 x RS-232/422/485
Internal I/O	1 x 4-pin DC-input Box Power Connector, 4 x USB 2.0, 3 x RS-232/422/485, 1 x GPIO & SMBUS Header
Audio	Realtek® Audio Codec
Power Requirement	DC input 9 ~ 48V
Dimensions	5.75" x 4" (146mm x 101.7mm)
Operating Temperature	32 ~ 140°F (0 ~ 60°C)
Storage Temperature	-40 ~ 185°F (-40 ~ 85°C)
Relative Humidity	0 ~ 90%, non-condensing
OS Software Supported	Windows 10 64-bit
Global P/N / SKU	2809143

Ordering Options

9MTGU7BSMR-SI (SKU# 2809143A): 3.5" SBC with 11th Generation Intel® Core™ i7-1165G7 Processor