

BK1151-GEN89C246

ATX Motherboard 2 x PCIE X16 Gen.3 1xVGA, 2xDP ++ Gen.8 / 9

FEATURES

- ATX Gen. 8/9 Socket 1151
- 1 x VGA, VGA: resolution up to 1920x1200 @ 60Hz
- 2 x DP++, DP++: resolution up to 4096x2160 @ 60Hz
- Triple display support
- C246 Chipset
- 2x GbE (RJ45)
- 1x RS232/422/485, 4xRS232
- 6x USB
- 1 x PS/215-Year
- CPU Life Cycle Support Until Q4' 33 (Based on Intel IOTG Roadmap)



SPECIFICATIONS

CPU	:	LGA 1151, Gen 8/9
Chipset	:	Intel® C246
USB	:	2 x USB 3.1 Gen2 2 x USB 3.1 Gen1 2 x USB 2.0
Operating Temp.	:	Operating: -5 to 65°C Storage: -30 to 60°C with RTC Battery; -40 to 85°C without RTC Battery
BIOS	:	AMI SPI 128Mbit
Approval	:	CE, FCC Class B, RoHS, KCC
DIO	:	1 x 8-bit DIO
Ethernet	:	1 x Intel® I211AT PCIe (10/100/1000Mbps) 1 x Intel® I219LM PCIe with iAMT12.0 (10/100/1000Mbps) (only Xeon, Core i7/i5 supports iAMT)
Forsyning	:	ATX Connector 8-pin ATX 12V power 24-pin ATX power Consumption Typical: i7-8700K: 3.3V @ 0.34A (1.122Watt); 5V @ 0.58A (2.9Watt); 12V @ 0.65A (7.8Watt) Max.: i7-8700K:3.3V @ 0.52A (1.716Watt); 5V @ 1.27A (6.35Watt); 12V @ 13.01A (156.12Watt)
Grafik	:	Intel HD Gen 9 Graphics, OpenGL 5.0, DirectX12, OpenCL 2.1
Hukommelse	:	4 x 288 Pin non -ECC dimm up to 128GB Dual Chanel DDR4 2400/2666MHz. (core i5/i7 only support non -ECC
Ledige Slots	:	Gen 3, 2 x PCIe x16 (1 x16 or 2x x8 signal), 2x PCIe x4, 1x PCIe x1, 1xPCI



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Lyd	:	Realtek ALC888
M.2	:	1 x M.2 2242/2260/2280 M key (PCIe Gen3 x4 NVMe/SATA)
mPCIe	:	1 x Full-sized Mini PCIe (PCIe/SATA/USB2.0), share with SATA 3(R5)
OS SUPPORT	:	Windows 10 IoT Enterprise 64-bit Linux
Porte	:	1 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch) 4 x RS-232 (2.54mm pitch)
SATA	:	4 x SATA 3.0 (up to 6Gb/s, SATA 3(R5) shared with mini PCIe (SATA), default at mini PCIe) RAID 0/1/5/10
Udgange	:	1x VGA 1920x1200@60Hz, 2x DP++ (up to 4096x2160@60Hz) Triple Display support
Watchdog	:	Yes
Dimensioner	:	ATX ATX Form Factor 305mm (12") x 244mm (9.6")Form Factor 305mm (12") x 244mm (9.6")

