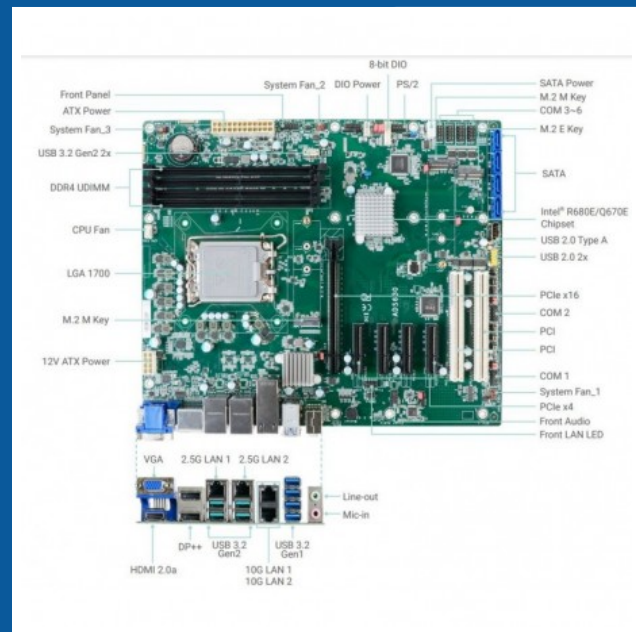


BK1700-680E

ATX motherboard, 12th gen. Intel, Ethernet 2 x 10GbE, 2 x 2.5GbE, 18x USB, QUAD display support
VGA, 2 x DP, HDMI, 6x COM

FEATURES

12th generation Intel® Core processors Socket 1700
4 DDR4 UDIMM up to 128 GB
Support for four monitors: VGA , 2 x DP++, HDMI
Supports 4K resolution
Multiple expansions: 1 PCIe x16 (Gen 5), 4 PCIe x4 (Gen 4), 2 PCI,
2 x M.2 M key,
1 x M.2 E Key
Ethernet 2 x Intel 10GbE, 2 x Intel 2.5GbE
6 x USB 3.2 Gen2
4 x USB 3.2 Gen1
8 x USB 2.0
2 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch)
4 x RS-232 (2.54mm pitch)
Typically supports 10-year CPU lifecycle until Q1'32 (Based on Intel IOTG Roadmap)
OS Support: Windows IoT 10 Enterprise 64-bit, WIN 10, Linux



SPECIFICATIONS

CPU	:	Celeron; Pentium; i3; i5; i7;i9
Chipset	:	Intel R680E
Digital I/O	:	1 x 8-bit DIO
USB	:	8
Operating Temp.	:	Operating: -5 to 65°C
BIOS	:	AMI SPI 256Mbit
Approval	:	CE, FCC Class B, UKCA, RoHS
Ethernet	:	4
Grafik	:	Intel® HD Gen 9 Graphics
Lyd	:	Realtek ALC888
M.2	:	1
OS SUPPORT	:	Windows 10 IoT Enterprise 64-bit Windows Server 2022 Linux



SPECIFICATIONS

Udgange	:	VGA; DP++;HDMI
Watchdog	:	System Reset, Programmable via Software from 1 to 255 Seconds
Form Factor	:	ATX
RAM	:	128GB

