

SPECTRA BOARD-SET ATX Q170

ATX MOTHERBOARD WITH INTEL® CORE™ I3-6100 SKYLAKE CPU, COOLER, 8 GB DDR4 & WINDOWS® 10 IOT ONBOARD & PSU

SYSTEM

CPU-Socket	LGA1151 for 6th/7th Gen. Intel® Core™, Celeron®, Pentium® CPUs, max 95 W
Chipset	Intel® Q170
BIOS	AMI UEFI
Memory	4 x 288-pin 2133 MHz DDR4 DIMM, max. 64 GB

CONTROLLERS

Graphics	Intel® HD Graphics - Max. Resolutions: VGA 1.920 x 1.080@60 Hz DVI-D 1.920 x 1.200@60 Hz DP 4.096 x 2.304@60 Hz - Support 3 independent Displays - 1 x VGA (non Hot Plug), 1 x DVI-D, 2 x DP
Network	- 1 x Intel® I219LM Gigabit-LAN (iAMT 11) 1 x Intel® I210AT Gigabit-LAN - 2 x RJ45
Audio	Realtek® ALC887 HD

MULTI I/O/S

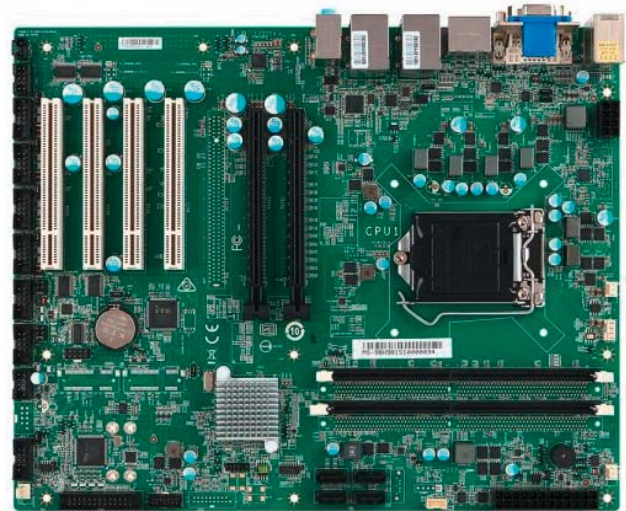
Chipset	Fintek F81866AD-1 - COM1~2: RS-232/422/485 - COM3~6: RS-232 - 1 x LPT - 1 x PS/2
USB	- 6 x USB3.0 (2 of which internal) - 6 x USB2.0 (4 of which internal)
Others	TPM (Box header), 8-bit digital I/O-Interface

STORAGE & EXPANSIONS

Storage	- 5 x SATA-6G with RAID 0/1/5/10 support
PCIe / mPCIe	- 1 x PCIe(x16) - 2 x PCIe(x4) - 2 x Mini-PCIe Full-size (1 of which w/ mSATA)
PCI / mPCI	- 4 x PCI
Others	- 1 x mSATA (shared w/ mPCIe)

MECHANICAL & ENVIRONMENT CONDITIONS

Form factor	ATX
Dimensions	305 x 244 mm
Power	ATX 24-Pin, 12 V-8-Pin
Temperatures	Operating: -10°C to +60°C Storage: -20°C to +80°C Rel. humidity: 10 to 90%, non condensing



BOARD-SET EQUIPMENT

CPU	Intel® Core® i3-6100 3,7 GHz, 51 W TPD
Cooler	Cooler S115x SBC/MB Standard Core-i 2HE 84W, 21-35dBA, Cu/Al, PWM, 30mm (Back-plate)
RAM	2 x 4 GB DDR4 DIMM PC2133, 512Mx8 SR, Samsung, 1,2V
PSU	PS/2, 500 W, Full-Range, 80+Platinum + Power cable, cold appliances, plug D 1.8 m
OS	Windows 10 IoT Enterp. LTSC Value (PKEA) + Setup-Stick Win10 IoT Field Upgrade 2021 (PKEA)



ORDERING INFORMATION

Nr° 159313 Spectra Board-Set, ATX Q170

ATX Board, incl. Core™ i3-6100 CPU, 8 GB RAM, Cooler, Win10 IoT, PSU

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