

SPECTRA BOARD-SET MINI-ITX Q370

MINI-ITX MOTHERBOARD WITH INTEL® CORE™ I5 COFFEE LAKE CPU, COOLER, 16 GB DDR4, 256 GB MSATA & WINDOWS® 10 IOT

SYSTEM

CPU-Socket	LGA1151 for 8th Generation Intel® Core™ Desktop Processors
Chipset	Intel® Q370
Memory	2 x DDR4 DIMM 2666 MHz, max. 32 GB

CONTROLLERS

Graphics	Intel® UHD Graphics 3 independent Displays support
Network	1 x Intel® I219LM Gigabit PHY LAN (iAMT12 Support) 1 x Intel® I210AT Gigabit-LAN
Audio	Realtek® ALC262 HD

I/O/S

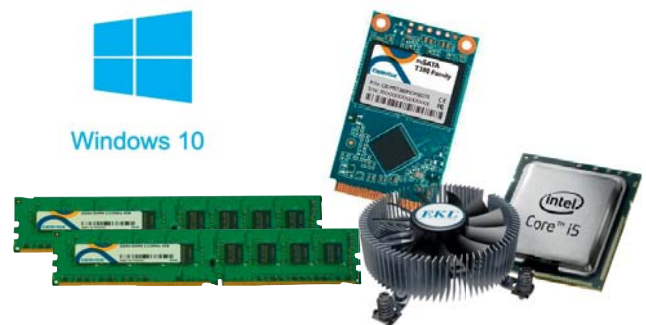
Internal	<ul style="list-style-type: none"> - 4x USB2.0, 2x USB3.1 Gen.2 - 4x RS-232 - 1x LVDS, 1x VGA - 1x LPC, 1x GPIO, 1x LCD Inverter, 1x Audio, 1x PS/2, 1x SMBus,
External	<ul style="list-style-type: none"> - 2x LAN - 4x USB3.1 Gen.2 - 2x RS-232/422/485 - 1x DP, 1x DVI, 1x HDMI - 1x Audio

STORAGE & EXPANSIONS

Storage	- 3 x SATA-6G
PCIe / mPCIe	<ul style="list-style-type: none"> - 1 x PCIe(x16) - 1 x Mini-PCIe (mSATA Support) - 1 x Mini-PCIe Half-size
Others	- 1 x SIM

MECHANICAL & ENVIRONMENT CONDITIONS

Form factor	Mini ITX
Dimensions (WxH)	170 x 170 mm
Power	24-pin ATX, 12 V DC-in
Temperatures	Operating: 0°C to +60°C Storage: -20°C to +80°C Humidity: 10 to 90%, non-condensing



BOARD-SET EQUIPMENT

CPU	Intel® Core™ i5-8500/3,0 GHz S1151, 14nm, 65W, 6C/6T, Coffee Lake
Cooler	Cooler S115x SBC/MB Standard Core-i 2HE 84W, 21-35dBA, Cu/Al, PWM, 30mm (Back-plate)
Memory	2x 8 GB DDR4 DIMM, 288-pin, PC2666, 1GBx8 SR, Samsung, 1,2V
Storage	1x 256 GB SATA-6G mSATA, 555/515MB/s, T380, TLC, 292TBW, 3D NAND
Operating System	Windows 10 IoT Enterp. LTSC Value (PKEA) + Setup-Stick Win10 IoT Field Upgrade 2021 (PKEA)

ORDERING INFORMATION

N° 163974 Spectra Board-Set, Mini-ITX Q370

Mini-ITX Board, incl. i5-8500 CPU, 16 GB RAM, 256 GB mSATA SSD, Cooler, Win10 IoT