

SPECTRA BOARD-SET PICMG1.3 Q370

PICMG1.3 CPU CARD WITH INTEL® CORE™ I5-8500 COFFEE LAKE CPU, COOLER, 8 GB DDR4 & WINDOWS® 10 IOT ONBOARD

SYSTEM

CPU-Socket	LGA1151 für 8th Gen. Intel® Core™, Celeron®, Pentium® CPUs
Chipset	Intel® Q370
BIOS	AMI UEFI
Memory	4 x 288-pin 2666 MHz DDR4 DIMM, max. 64 GB



CONTROLLERS

Graphics	Intel® HD Graphics 9 Gen. - Max. Resolution: VGA 1.920 x 1.200@60Hz - 1 x VGA
Network	- 1 x Intel® I219LM Gigabit-LAN 1 x Intel® I211AT Gigabit-LAN - 2 x RJ45
Audio	with opt. AC-Kit-892HD



MULTI I/O/S

Chipset	- 1 x RS-422/485 - 3 x RS-232 - 1 x PS/2
USB	- 4 x USB3.0 (2 of which internal) - 7 x USB2.0 (6 of which internal)
Others	TPM, I ² C, SMBus, , 8-bit digital I/O-Interface

BOARD-SET EQUIPMENT

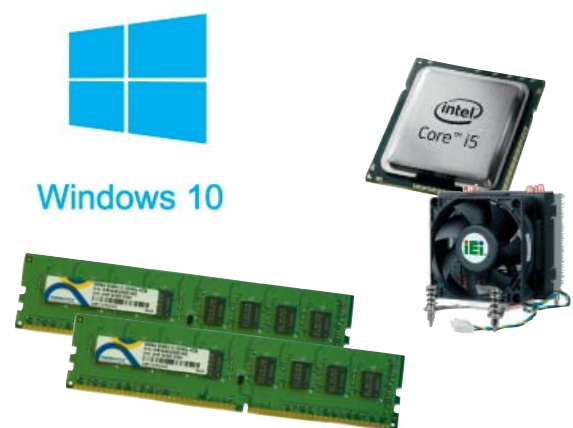
CPU	Intel® Core® i5-8500 3,0 GHz, 65 W TPD
Cooler	Cooler LGA1150/95W
RAM	2 x 4 GB DDR4 DIMM PC2666, 512Mx8 SR, Samsung, VLP, 1,2V
OS	Windows 10 IoT Enterp. LTSC Value (PKEA) + Setup-Stick Win10 IoT Field Upgrade 2021 (PKEA)

STORAGE & EXPANSIONS

Storage	- 6 x SATA-6G with RAID 0/1/5/10 support
PCIe / mPCIe	- 1 x PCIe(x16) - 4 x PCIe(x1) signal via golden finger
PCI / mPCI	- 4 x PCI signal via golden finger
Others	- 1 x M.2 M Key

MECHANICAL & ENVIRONMENT CONDITIONS

Form factor	PICMG 1.3
Dimensions	338 x 126 mm
Power	AT/ATX
Temperatures	Operating: -20°C to +60°C Rel. humidity: 5 to 95%, non condensing



ORDERING INFORMATION

N° 159328 Spectra Board-Set, PICMG1.3 Q370

PICMG 1.3 CPU-card, incl. Core™ i5-8500 CPU, 8 GB RAM, Cooler, Win10 IoT

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