

SPECTRA BOARD-SET μ ATX H110

MICRO-ATX BOARD WITH INTEL® CORE™ I5-6500TE 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 65 W
Chipset	Intel® H110
BIOS	AMI
Memory	2 x 288-pin 2133/2400 MHz DDR4 DIMM, max. 32 GB

CONTROLLERS

Graphics	Intel® HD Graphics - Max. resolution: DVI 1.920 x 1.200 DP 3.840 x 2.160 VGA 1.920 x 1.200 - support 2 independent Displays - 1 x VGA, 1 x DVI-D, 1 x DP
Network	- 1 x Intel® I219LM Gigabit-LAN 1 x Intel® I211AT Gigabit-LAN - 2 x RJ45
Audio	Realtek® ALC887 HD

MULTI I/O/S

Chipset	Fintek F81866AD-I - COM1: RS-232/422/485 - COM2~6: RS-232 - 1 x PS/2
USB	- 4 x USB3.0 - 6 x USB2.0 (4 of which internal)
Others	TPM (Pin Header), 8-bit digital I/O-Interface

STORAGE & EXPANSIONS

Storage	- 3 x SATA-6G
PCIe / mPCIe	- 1 x PCIe(x16) - 1 x PCIe(x8) (x1 Signal) - 1 x PCIe(x1) - 1 x Mini-PCIe Full-Size, mSATA
PCI / mPCI	- 1 x PCI
Others	- 1 x mSATA (shared with mPCIe)

MECHANICAL & ENVIRONMENT CONDITIONS

Form factor	Micro-ATX
Dimensions	244 x 244 mm
Power	ATX 24-Pin, 12 V-8-Pin
Temperatures	Operating: 0°C to +60°C Storage: -20°C to +80°C Rel. humidity: 10 to 90%, non condensing



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BOARD-SET EQUIPMENT

CPU	Intel® Core® i5-6500TE 2,3 GHz, 35 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. 159330 Spectra Board-Set, μ ATX H110

Micro-ATX Board, incl. Core™ i5-6500 CPU, 8 GB RAM, Cooler, Win10 IoT, PSU