

Productivity-Enhancing
Performance

ASTRO SN-8310
Multimedia business micro PC



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Powered by the latest generation of Intel® Core™ processors, our business-class desktops and micro PCs can be customized to your exact requirements. We understand that you require budget-friendly, energy-efficient systems that provide superior reliability and speed-up your everyday business computing tasks.



Form Factor	Mini ITX
Motherboard	Asus® PRIME H310I-PLUS R2.0/CSM
Chipset	Intel® H310 Express
Processor	8 th Generation Intel® Core™ i7-8700T, Core™ i5-8600T, Core™ i5-8500T or Core™ i5-8400T processor, 8 th Generation Intel® Core™ i3-8300T or Core™ i3-8100T processor, Intel® socket LGA1151
Memory	Up to 32 GB SDRAM DDR4 288-pin, dual or single channel, 2666 MHz (4 slots)
Storage	1 M.2 slot 3 rd generation, type 2260/2280 storage devices support (SATA & PCIe x4 mode) ¹ 4 SATA 6.0 Gb/s connectors
Expansion Slots	1 PCIe 3.0/2.0 x16 slot (x16 mode)
Video	Intel® FDI video interface, supports up to 2 displays simultaneously (HDMI, DVI-D and VGA outputs) 1 PCI Express 3.0 x16 slot for discrete add-on controller
Audio	8 channel High Definition audio controller with Realtek® ALC887 audio codec.
Network Controller	1 Realtek® RTL811H 1 Gigabit Ethernet controller with Wake-on-Lan PXE 2.0 feature
I/O Ports	4 USB 3.1 Gen 1 ports (2 rear and 2 front panel) ; 4 USB 2.0 ports (2 rear and 2 via internal header) ; HDMI, DVI-D and VGA ports ; RJ45 port ; audio ports (3 + 2) ; 1 S/PDIF out header ; 1 serial port header ; 1 TPM header
Casing	Mini ITX small form factor 80 mm fan. Optional tool less top cover and ODD bay clips.
Power Supply	TFX 300 W power supply compliant with Wake-on-Lan feature
Optical Drive	5.25" external bay ; wide choice of optical drives and writers available.
Dimensions	(w/o front panel) 10.4" (L) x 3.9" (H) x 12.2" (D) - 265 mm x 100 mm x 310 mm (8.2 L)
Safety Features	Casing intrusion switch installed and functional Security loop to prevent casing opening and to secure PC Password protected CMOS utility program BIOS default boot device option protected by password BIOS can not be flashed without password BIOS level disabling capability : serial and USB ports
Management Tools	DMI LANDesk Client Manager Browser Updatable BIOS from either floppy drive, hard drive or network CIM, SMBIOS, DEN, WBEM and ASF standards compliant, latest versions DMI 2.0 compliant hardware management system Intel® Wired for Management Technology (WfM)
Environmental Features	APM 2.0 and ACPI 5.0 compliant Power Management Power consumption depending on system load (EIST) Overheat protection and shut down CPU fan speed adjusted depending on CPU temperature
Warranty	One year, parts and labour, return to CIARA. All CIARA customers may elect to purchase an extended three year warranty additional to the standard one year warranty. If you are interested in purchasing a warranty extension, please advise your CIARA representative when requesting a quotation.
Notes	^{*1} When a device in SATA mode is installed on the M.2 socket, SATA_2 port cannot be used. Due to the Chipset limitation, when a M.2 device is installed in PCIe mode, the socket is set to PCIe 2.0.

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