ideacentre 310S Intel 90HX000CGE

Region
WE

Country
Germany

Machine Type
90HX

Processor
Pentium Silver J5005 (4C, 1.5 / 2.8GHz, 4MB)

Graphics
Integrated Intel UHD Graphics 605

Chipset
Intel SoC Platform

Memory
8GBx1 DDR4-2466

Storage
2TB 7200rpm 3.5"

Optical
DVD±RW

Media Reader
7-in-1

WLAN + Bluetooth
11ac, 1x1 + BT4.0

Keyboard / Mouse
USB Black / USB Black

System Fan
None

Power Supply
65W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
02/18

Note:
Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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ideacentre 310S Intel Platform Specifications

Processor	Intel® Celeron® Processors or Intel Pentium® Silver Processor

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics
Celeron J4005	2 / 2	2.0 GHz / 2.7 GHz	4 MB	DDR4-2400	Intel UHD Graphics 600
Celeron J4105	4 / 4	1.5 GHz / 2.5 GHz			
Pentium Silver J5005	4 / 4	1.5 GHz / 2.8 GHz			Intel UHD Graphics 605

Memory	8GB max, DDR4-2666, one UDIMM socket
Storage	*Some:* SATA 6.0Gb/s, 3.5" wide, 7200 rpm *Some:* SSD / SATA 6.0Gb/s, 2.5" wide
Optical *(opt)*	DVD±RW, SATA connector, slim
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), two SATA 6.0Gb/s connectors
Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)
Graphics	Intel UHD Graphics 600 / 605 in processor, uses main memory, DirectX® 12 Max resolution: 1920x1200@60Hz (VGA); 4096x2160@30Hz (HDMI)
Chipset	Intel SoC platform
Front ports	Two USB 2.0, two USB 3.1 Gen1, one microphone (3.5mm), one headphone / microphone combo jack (3.5mm), optional media reader
Rear ports	Two USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4), power connector
Rear audio ports	line-out (3.5mm)
IEEE 1394	None
Audio support	High Definition (HD) Audio, Realtek® ALC233
WLAN *(opt)*	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1
Bluetooth™ *(opt)*	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
Ethernet	One gigabit ethernet port, RTL8111HN
Modem	None
Security features	Power-on password, administrator password, hard-disk password
Keyboard *(opt)* Mouse *(opt)*	Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver Lenovo Calliope Mouse (USB connector), black or silver
Mechanical	• SFF Tower (8.4L), silver color • Dimensions (WxDxH): 3.54" x 11.69" x 13.54"; 90mm x 297mm x 344mm • Weights (net weight): 9.5 lb (4.3 kg) • Optional front and rear system fan Bay 1: silm optical bay Bay 2: 3.5", disk bay Bay 3: 2.5", disk bay Slot 1: low-profile, PCIe x16 (version 2.0) Slot 2: low-profile, PCIe x1 (version 2.0) Slot 3: M.2 card slot (for WLAN)
Power adapter	65 watts, autosensing, EnergyStar 6.1, universal (110V-220V)
Limited warranty	1-year or 2-year, depot repair service / service upgrades available
Preload	Preloaded operating system *Some:* Windows® 10 Home 64 Preloaded applications (only some listed) • Microsoft Office preloaded; purchase a product key to activate • Lenovo® Application Explorer • McAfee® LiveSafe™ (30-day trial) • PowerDVD (DVD±RW) • Power2GO (DVD±RW)
Environment	ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant

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