ideacentre 610S-02ISH Platform Specifications

Processor	Intel® Pentium®, or 6th Generation Intel Core™ i3 / i5 / i7 Processor

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Pentium G4400T	2 / 2	2.9 G	3 MB	DDR4-2133	HD 510
Core i3-6100T	2 / 4	3.2 G	3 MB	DDR4-2133	HD 530
Core i5-6400T	4 / 4	2.2 G / 2.8 G	6 MB	DDR4-2133	HD 530
Core i7-6700T	4 / 8	2.8 G / 3.6 G	8 MB	DDR4-2133	HD 530

Memory	16GB max, DDR4 2133, one 260-pin SO-DIMM socket
Disk	*Some:* SATA 6.0Gb/s, 2.5" wide, 5400 rpm *Some:* M.2 Solid State Drive (SSD) / SATA interface
Optical	None
Onboard SATA	SATA 6.0Gb/s controller, one SATA 6.0Gb/s connector
Media reader	3-in-1 media reader (SD, SDHC, SDXC)
Graphics	**Intel HD Graphics 510/530** in processor, uses main memory, DirectX® 12, *Some:* **NVIDIA® Geforce® GTX 750 Ti**, **2GB GDDR5**, DirectX 12
Chipset	**Intel H110 Chipset**
Front ports	None
Front buttons	Power on/off button
Rear ports	Four USB 3.0, one HDMI 1.4, one ethernet (RJ-45), one SPDIF out, card reader, one headphone / microphone combo jack (stereo, 3.5mm), power connector
Rear buttons	Wireless connection button (only functions for the models with opotional projector)
Audio support	High Definition (HD) Audio, Realtek ALC233
WLAN / Bluetooth	*Some:* 11ac wireless, M.2 Card, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 *Some:* 11ac wireless, M.2 Card, Wi-Fi + Bluetooth 4.0 combo adapter, 2x2
Ethernet	One gigabit ethernet port, Realtek RTL8111GN
Modem	None
Keyboard	*Some:* Lenovo wireless keyboard (2.4G), black
Mouse	*Some:* Lenovo wireless mouse (2.4G), black

Mechanical	● Tiny (2.2L), black color
	● Dimensions (WxDxH):
	  (without projector): 5.5" x 5.3" x 8.0"; 139.63mm x 134.95mm x 203.68mm
	  (with projector): 5.5" x 5.3" x 10.1"; 139.63mm x 134.95mm x 257.1mm
	● Weights (without projector): up to 4.0 lb (1.8 kg), vary by configuration
	Bay 1: 2.5", internal, HDD
	Slot 1: M.2 card slot (for optional WLAN)
	Slot 2: M.2 card slot (for optional M.2 SSD)

Projector	Optional DLP projector, magnetic mount to the top of ideacentre 610S, powered by 610S, or work alone with a dedicated 45W adapter (ship with projector)

Projector Specifications			
Resolution	HD 720p (1280 x 720);	Frame Rate	60fps
Aspect Ratio	16:9	Brightness	200 Lumens
Contrast Ratio	500:1	Color Gamut	90%
Throw Ratio	1.07 (100 inch at 2.4 meter)	Focus Adjusting Range	0.5M ~ 6M
Distortion	1.5%	Uniformity	90%
Offset	100%	Focusing	Manual
Ladder Adjustment	Supports pitch angle range ±40 degrees		
LED Lamp Life	10000 hour	Speaker	Built-in two 1.5W Speakers
Ports	one HDMI 1.4, one USB 2.0 (only for firmware update)		
Wireless Connection	Support (60GHz), wireless connection button on rear		

Power supply	*Some:* 90 watts adapter, 100-240V, autosensing, 88% efficiency *Some:* 150 watts adapter, 100-240V, autosensing, 89% efficiency *Some:* 170 watts adapter, 100-240V, autosensing, 88% efficiency
Limited warranty	**1-year**, **Mail-In service** / service upgrades available
Preload	**Preloaded operating system** Windows® 10 Home 64-bit **Preloaded applications** (only some listed) ● Lenovo® Rescue System ● Driver and Application Installation ● Lenovo REACHit ● Lenovo SHAREit ● Lenovo Solution Centre ● Lenovo Companion ● McAfee® LiveSafe™ (30 days of virus definitions) ● Adobe® Reader® ● Microsoft Office preloaded; purchase a product key to activate ● Miracast ● Intel Always On
Environment	ENERGY STAR® 6.0; EPEAT™ Gold rating; GREENGUARD®; RoHS-compliant

See footnotes for more detailed information