ideacentre Y900 Platform Specifications

Processor Cores / Frequency Cache Memory Types Integrated Cache Graphics Processor P	Processor	6th Generation Intel® Core™ i5 / i7 Processors	Security features	Security slot (in rear for Kensington® MicroSaver® cable)
Core I7-6700				
Some: USB optical mouse, black silk Some: USB optical mouse, black silk Some: USB optical mouse, black silk Some: USB optical provided Some: USB optical provided Some: USB optical mouse, black silk Some: USB optical provided Some: U		Core i7-6700 4 / 8 3.4 GHz / 4.0 GHz 8 MB DDR4-2133 Intel HD Graphics	'	Some: full-size USB keyboard, Fn keys, black silk
Disk Some: Solid State Hybrid Drive (SSHD) with GB MLC NAND flash memory, SATA 8.0Gbs, '200 prm, 3.5' wide Some: SATA 8.0Gbs, '3.5' wide Some: SDI /2.5' wide SATA 8.0Gbs, '3.5' wide Some: SDI /2.5' wide SATA 8.0Gbs, '3.5' wide Some: BUs /2.5' wide Some: Bus /2			. Iviouse	Some: USB optical mouse, black silk
SATA 6.0Gb/s, 7200 rpm, 3.5" wide Some: SATA 6.0Gb/s, 2900 rpm Some: SSD / 2.5" wide, SATA 6.0Gb/s M.2 SSID (opt) Optical M.2 SSID (opt) Optical Some: DVD±RW SATA Some: BiL-ray burner DVD±RW SATA Some: Silb-ray burner SATA Some: Silb-ray burner SATA Some: Silb-ray burner SATA Some: Silb-ray burner SATA Some: Silb-ray		, , ,	Mechanical	
Optical Some: DVD±RW SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Conboard SATA Conboard SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Conboard SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Conboard SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Conboard SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Conboard SATA Some: Blu-ray burner DVD±RW SATA Conboard SATA Conboard SATA Conboard SATA Some: MILINIA (Blu-Reight, FCIe x1 6, for discrete graphics Slot 2: half-length, full-height, PCIe x1 Slot 3: half-length, full-height, PCIe x1 Slot 4: half-length, full-height, PCIe x1 Slot 5: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 6: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 7: half-length, full-height, PCIe x1 Slot 8:		SATA 6.0Gb/s, 7200 rpm, 3.5" wide Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: SSD / 2.5" wide, SATA 6.0Gb/s		 Weights (net weight): 33.1 lb (15 kg) Top water cooling (under top) Bay 1: 5.25", access, optical (optional)
Onboard SATA Media reader 7-in-in-media reader (SD, SDHC, SDXC, MMC plus, MS, MS Pro) Graphics Intel HD Graphics 530 in processor, uses main memory, DirectX® 12, one VGA, one HDMI, one DVI, supports three independent displays; Some: NVIDIA Geforce GTX960, 2GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DF x1, HDMI x1, DVI x2 Some: NVIDIA Geforce GTX970, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DVI x2 Some: NVIDIA Geforce GTX980, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DV x3 Some: NVIDIA Geforce GTX980, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DV x3 Some: MDI Radeon R9 370X, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DV x2 Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm) headphone (stereo, 3.5mm) Rear ports WGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models "Onboard VGA, HDMI and DVI are unavailable on discrete models" Rear audio ports Line-in (3.5mm), Inie-out (3.5mm), microphone-in (3.5mm), S-sout (3.5mm), Rs-out (3.5mm), inie-out (3.5mm), microphone-in (3.5mm), S-sout (3.5mm), Rs-out (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), S-sout (3.5mm) Rear audio ports Line-in (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), S-sout (3.5mm), Rs-out (3.5mm), S-sout (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), S-sout (3.5mm), Rs-out (Some: DVD±RW SATA		Bay 3~bay 6: 3.5", no access, disk (with 3.5" to 2.5" bracket)
one VGA, one HDMI, one DVI, supports three independent displays; Some: NVIDIA Geforce GTX960, 22B GDDR5, PCle 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DV x2 Some: NVIDIA Geforce GTX970, 42B GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DV x3 Some: NVIDIA Geforce GTX970, 42B GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DV x3 Some: NVIDIA Geforce GTX980, 42B GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DV x3 Some: AMD Radeon R9 370X, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DV x2 Chipset Intel Z170 Chipset Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Rear ports Four USB 3.0, two USB 2.0, telement (R1-45), PS/z kebbard port, one VGA, one HDMI, one DVI ard intolar USA, DVI, DP or HDMI on optional graphic card on some models "Onboard VGA, HDMI and DVI are unavailable on discrete models Rear audio ports: Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), microphone-in (3.5mm), microphone-in (3.5mm), microphone-in (3.5mm), microphone-in (3.5mm), baculy intelled using the port of the por	Media reader	SATA 6.0Gb/s controller (integrated in chipset), six SATA 6.0Gb/s connectors		Slot 2: half-length, full-height, PCle x16, for discrete graphics Slot 3: half-length, full-height, PCle x1 Slot 4: half-length, full-height, PCle x1 Slot 5: half-length, full-height, PCle x16, for discrete graphics Slot 6: half-length, full-height, PCle x1 Slot 7: half-length, full-height, PCle x1
Some: AVDI x1, HDMI x1, DP x3 Some: AVDI AGE force GTX980, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3 Some: AMD Radeon R9 370X, 4GB GDDR5, PCle 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2 Chipset Intel Z170 Chipset Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm), headphone (stereo, 3.5mm), headphone (stereo, 3.5mm), nore VGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models 'Onboard VGA, HDMI and DVI are unavailable on discrete models Rear audio ports Line-in (3.5mm), Iine-out (3.5mm), microphone-in (3.5mm), None Audio support High Definition (HD) Audio, Realtek ALC892 WLAN (optional) 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth 'Qop' Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek RTL8111GN Some: 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-22 Limited warranty 1-year, limited onsite service / service upgrades available Preloade operating system Windows* 10 Home 64 Preloaded applications (only some listed) * Lenovo Rescue System * Steam Game Portal * Lenovo ShAREit * Lenovo Companion * Lenovo ShAREit * Lenovo Companion * Lenovo Shareit * McAfee* LiveSafe* (30 days trial) (optional) * Microsoft Office 2013 preloaded; (30 days trial) (optional) * Microsoft Office 2013 preloaded; (30 days trial) * Environment Environment Environment Environment Environment	Graphics	one VGA, one HDMI, one DVI, supports three independent displays; Some: NVIDIA Geforce GTX960, 2GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2		
Some: AMD Radeon R9 370X, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DP x1, HDMI x1, DVI x2 Chipset Intel Z170 Chipset Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) (one VGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models "Onboard VGA, HDMI and DVI are unavailable on discrete models Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), Ss-out (3.5mm) IEEE 1394 None Audio support High Definition (HD) Audio, Realtek ALC892 WLAN (optional) 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth" (opt) Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek RTL8111GN		DVI x1, HDMI x1, DP x3	Power supply	Some: 625 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-220V) Some: 450 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (110V-220V)
DP x1, HDMI x1, DVI x2 Chipset Intel Z170 Chipset Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Rear ports Four USB 3.0, two USB 2.0, ethernet (RJ-45), PS/2 keboard port, one VGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models *Onboard VGA, HDMI and DVI are unavailable on discrete models None Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Ss-out (3.5mm) RS-out (3.5mm), Ss-out (3.5mm) None Audio support High Definition (HD) Audio, Realtek ALC892 WLAN (optional) 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek RTL8111GN		DVI x1, HDMI x1, DP x3 Some: AMD Radeon R9 370X, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12,	Limited warranty	1-year, limited onsite service / service upgrades available
Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Rear ports Four USB 3.0, two USB 2.0, ethernet (RJ-45), PS/2 keboard port, one VGA, one HDMI, one DVI additional VGA, HDMI and DVI are unavailable on discrete models *Onboard VGA, HDMI and DVI are unavailable on discrete models Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), Ss-out (3.5mm) Result Staem Game Portal Lenovo SHAREit Lenovo Companion Lenovo Solution Center McAfee® LiveSafe® (30 days trial) (optional) Microsoft Office 2013 preloaded; (30 days trial) (optional) Environment ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant STAR® 6.1 (Need 85% PSU); RoHS-compliant Description of the provided of the provide			Preload	Windows® 10 Home 64
Front ports Two USB 3.0 (one for Always On Charging), two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm) Four USB 3.0, two USB 2.0, ethernet (RJ-45), PS/2 keboard port, one VGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models *Onboard VGA, HDMI and DVI are unavailable on discrete models Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), Ss-out (3.5mm) None Audio support High Definition (HD) Audio, Realtek ALC892 WLAN (optional) High Definition (HD) Audio, Realtek RTL8111GN Steam Game Portal Lenovo SHAREit Lenovo Solution Center McAfee® LiveSafe" (30 days trial) (optional) Microsoft Office 2013 preloaded; (30 days trial) (optional) Environment ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant Audio support Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111GN	Chipset	Intel Z170 Chipset		
Rear ports Four USB 3.0, two USB 2.0, ethernet (RJ-45), PS/2 keboard port, one VGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models *Onboard VGA, HDMI and DVI are unavailable on discrete models Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), Ss-out (3.5mm) Reset 1394 Audio support High Definition (HD) Audio, Realtek ALC892 WLAN (optional) WLAN (optional) High Definition (HD) Audio, Realtek RTL8111GN *Lenovo Companion *Lenovo Solution Center *McAfee® LiveSafe™ (30 days trial) (optional) *Microsoft Office 2013 preloaded; (30 days trial) (optional) *Environment *ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant Bluetooth **(optional)** *Invironment** *ENERGY STAR® 6.1 (Need 85% PSU); RoHS-compliant *Environment** *E	Front ports			Steam Game Portal
Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm), Cs-out (3.5mm), Rs-out (3.5mm), Ss-out (3.5mm), Ss-	Rear ports	Four USB 3.0, two USB 2.0, ethernet (RJ-45), PS/2 keboard port, one VGA, one HDMI, one DVI additional VGA, DVI, DP or HDMI on optional graphic card on some models		 Lenovo Companion Lenovo Solution Center McAfee® LiveSafe™ (30 days trial) (optional)
EEEE 1394 None			Environment	
WLAN (optional) 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2 Bluetooth (opt) Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek RTL8111GN	IEEE 1394		Liviloriment	ENERGY GIART 6.1 (Need 65 % February), Figure Compilant
Bluetooth (opt) Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet One gigabit ethernet port, Realtek RTL8111GN	Audio support	High Definition (HD) Audio, Realtek ALC892		
	Bluetooth (opt) Ethernet	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port, Realtek RTL8111GN		

See footnotes for more detailed information

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