

# ideacentre 720 Intel 90H0001PGE

**Region**  
WE

**Country**  
Germany

**Machine Type**  
90H0

**Processor**  
Core i5-7400 (4C, 3.0 / 3.5GHz, 6MB)

**Graphics**  
NVIDIA GeForce GT 730 2GB GDDR5

**Chipset**  
Intel B250

**Memory**  
4+8GB DDR4-2400

**Storage**  
2TB 7200rpm 3.5" + 16GB Optane Memory

**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**  
180W Energy Star

**Operating System**  
Windows 10 Home 64

**Warranty**  
2-year, Depot

**Ann Date (mm/yy)**  
06/17

**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 720 Intel Platform Specifications

Product Specifications Reference (PSREF)



Processor	<i>ICB:</i> Intel® Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processors						Front ports <i>IKL:</i> four USB 3.1 Gen1, one headphone / microphone combo jack (3.5mm), one microphone (3.5mm), optional media reader <i>ICB:</i> two USB 3.1 Gen1, two USB 3.1 Gen2, one USB 3.1 Type-C Gen1 one headphone / microphone combo jack (3.5mm), one microphone (3.5mm), optional media reader	
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics		
	Pentium Gold G5400	2 / 4	3.7 GHz	4 MB	DDR4-2400	Intel UHD Graphics 610		
	Core i3-8100	4 / 4	3.6 GHz	6 MB	DDR4-2400	Intel UHD Graphics 630		
	Core i5-8400	6 / 6	2.8 GHz / 4.0 GHz	9 MB	DDR4-2666			
	Core i7-8700	6 / 12	3.2 GHz / 4.6 GHz	12 MB				
	<i>IKL:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors							Rear ports <i>IKL:</i> two USB 2.0, two USB 3.1 Gen1, ethernet (RJ-45), VGA, HDMI (1.4), power connector, three audio ports <i>ICB:</i> four USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4), power connector, one headphone / microphone combo jack (3.5mm)
	Processor	Cores / Threads	Frequency (Base/Max)	L2 Cache	Memory Types	Integrated Graphics		
	Celeron G3930	2 / 2	2.9 GHz	2 MB	DDR4-2133	Intel HD Graphics 610		
	Pentium G4560	2 / 4	3.5 GHz	3 MB	DDR4-2400	Intel HD Graphics 630		
Core i3-7100	2 / 4	3.9 GHz	3 MB	DDR4-2400				
Core i5-7400	4 / 4	3.0 GHz / 3.5 GHz	6 MB	DDR4-2400				
Core i7-7700	4 / 8	3.6 GHz / 4.2 GHz	8 MB	DDR4-2400				
<i>IKL:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						Rear audio ports Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)		
<i>IKL:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						Audio support High Definition (HD) Audio, Realtek ALC662		
<i>ICB:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						WLAN (optional) <i>Some:</i> 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1 <i>Some:</i> 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2		
<i>ICB:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						Bluetooth™ (opt) Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter		
<i>ICB:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						Ethernet One gigabit ethernet port, Realtek® RTL8111GN (IKL model) or Intel I219-V (for ICB)		
<i>ICB:</i> Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors						Security features <ul style="list-style-type: none"> <li>Power-on password</li> <li>Hard-disk password</li> <li>Administrator password</li> <li>Kensington® lock</li> </ul>		
Memory	<i>IKL:</i> 32GB max, 2400MHz DDR4, two UDIMM sockets <i>ICB:</i> 32GB max, 2666MHz DDR4, two UDIMM sockets					Keyboard (opt) <i>Some:</i> Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver <i>Some:</i> Lenovo Calliope Wireless Keyboard, Fn keys, black or silver		
Storage	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s <i>Some:</i> Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x2, 16Gb/s, M.2 * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s					Mouse (optional) <i>Some:</i> Lenovo Calliope Mouse (USB connector), 1600 dpi, black or silver <i>Some:</i> Lenovo Calliope Wireless Mouse, 1200 dpi <i>Some:</i> Lenovo Fingerprint Mouse (USB connector), 1600 dpi		
Optical (optional)	DVD±RW, SATA 1.5Gb/s, 9mm slim					Mechanical <ul style="list-style-type: none"> <li>Tower (18L), black color</li> <li>Dimensions (WxDxH): 6.5" x 12.76" x 14.8"; 165mm x 324mm x 376mm</li> <li>Weights (net weight): 17.64 lb (8 kg), weight may vary by configuration</li> <li>Optional front and rear system fan</li> <li>Bay 1: slim ODD bay</li> <li>Bay 2: 5.25", ODD bay (without 3.5" HDD bracket)</li> <li>Bay 3: 3.5" or 2.5", HDD bay</li> <li>Slot 1: full-length, full-height, PCIe x16</li> <li>Slot 2: full-length, full-height, PCIe x1</li> <li>PCIe M.2 slot x2 (one for WLAN, another for SSD / Optane memory)</li> </ul>		
Onboard SATA	<i>IKL:</i> SATA 6.0Gb/s controller, four SATA connectors <i>ICB:</i> SATA 6.0Gb/s controller, three SATA connectors							
Media reader	Optional 7-in-1 media reader							
Graphics	<i>Some:</i> Intel HD Graphics 610 / 630 or UHD Graphics 610 / 630 in processor, uses main memory, DirectX® 12							
	<i>Some:</i> NVIDIA® Geforce® GT 730, DirectX 12, 2GB GDDR3 or GDDR5, PCIe 2.0 x8 adapter, VGA x1, HDMI x1							
	<i>Some:</i> NVIDIA Geforce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1							
	<i>Some:</i> NVIDIA Geforce GTX 1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3							
	<i>Some:</i> AMD Radeon R5 460, DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, DVI x1, HDMI x1, DP x1							
	<i>Some:</i> AMD Radeon RX 480, DirectX 12, 8GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3							
	<i>Some:</i> AMD Radeon RX 550, DirectX 12, 2GB GDDR5, PCIe 3.0 x16 adapter, VGA x1, HDMI x1, DP x1							
	<i>Some:</i> AMD Radeon RX 560, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, DVI x1, HDMI x1, DP x1							
<i>Some:</i> AMD Radeon RX 570, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3								
Chipset	<i>ICB:</i> Intel B360 chipset; <i>IKL:</i> Intel B250 chipset					Power supply <i>Some:</i> 180 watts, autosensing, EnergyStar 6.1, universal (100V-240V) <i>Some:</i> 250 watts, autosensing, EnergyStar 6.1, universal (100V-240V) <i>Some:</i> 400 watts, autosensing, EnergyStar 6.1, universal (100V-240V)		
Limited warranty <ul style="list-style-type: none"> <li>1-year, limited mail-in service / service upgrades available</li> <li>1-year or 2-year, depot repair service / service upgrades available</li> </ul>								
Preload Preloaded operating system <i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> <li>Lenovo® Rescue System</li> <li>Lenovo Companion</li> <li>Lenovo ID</li> <li>Adobe® Reader®</li> </ul>								
Environment <i>IKL:</i> ENERGY STAR® 6.1; ErP Lot 3; GREENGURAD®; RoHS-compliant <i>ICB:</i> ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant								

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