ideacentre 720 Intel 90H00030GE

Region
WE

Country
Germany

Machine Type
90H0

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

Graphics
NVIDIA GeForce GTX 1050 Ti 4GB GDDR5

Chipset
Intel B250

Memory
8GBx2 DDR4-2400

Storage
128GB SSD M.2 PCIe NVMe + 1TB 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
One Rear

Power Supply
250W Energy Star

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
05/17

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

WWW.LENOVO.COM

This publication was developed for products and services oered in the United States and E.M.E.A countries. Lenovo may not oer the products, services or features discussed in this document in other countries. Lenovo may withdraw an oering at any time. Information is subject to change without notice. Consult your local representative for information on oerings available in your area.

Lenovo reserves the right to change specifcations or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or ftness for a particular purpose.

http://psref.lenovo.com

Visit psref website for the latest version of Product Specifcations Reference.

© Lenovo, 2017. All rights reserved.

ideacentre 720 Intel Platform Specifications

Processor

ICB: Intel® Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processors

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		

IKL: Intel Celeron® Processor, Intel Pentium Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processors

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	
Core i3-7100	2 / 4	3.9 GHz	3 MB	DDR4-2400	Intel HD Graphics 630
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	

Memory

IKL: 32GB max, 2400MHz DDR4, two UDIMM sockets
ICB: 32GB max, 2666MHz DDR4, two UDIMM sockets

Storage

Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm
Some: M.2 Solid State Drive (SSD) / PCIe NVMe, PCIe 3.0 x4, 32Gb/s
Some: 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

Optical *(optional)*: DVD±RW, SATA 1.5Gb/s, 9mm slim
Onboard SATA: *IKL:* SATA 6.0Gb/s controller, four SATA connectors
ICB: SATA 6.0Gb/s controller, three SATA connectors
Media reader: Optional 7-in-1 media reader

Graphics

Some: Intel HD Graphics 610 / 630 or UHD Graphics 610 / 630 in processor, uses main memory, DirectX® 12
Some: NVIDIA® Geforce® GT 730, DirectX 12, 2GB GDDR3 or GDDR5, PCIe 2.0 x8 adapter, VGA x1, HDMI x1
Some: NVIDIA Geforce GTX 1050Ti, 4GB GDDR5, PCIe 3.0 x16 adapter, DirectX12, DVI x1, HDMI x1, DP x1
Some: NVIDIA Geforce GTX 1060, 6GB GDDR5, PCIe 3.0 x16 adapter, DirectX 12, DVI x1, HDMI x1, DP x3
Some: AMD Radeon R5 460, DirectX 12, 4GB GDDR5, PCIe 3.0 x8 adapter, DVI x1, HDMI x1, DP x1
Some: AMD Radeon RX 480, DirectX 12, 8GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3
Some: AMD Radeon RX 550, DirectX 12, 2GB GDDR5, PCIe 3.0 x16 adapter, VGA x1, HDMI x1, DP x1
Some: AMD Radeon RX 560, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, DVI x1, HDMI x1, DP x1
Some: AMD Radeon RX 570, DirectX 12, 4GB GDDR5, PCIe 3.0 x16 adapter, HDMI x1, DP x3

Chipset

ICB: Intel B360 chipset; *IKL:* Intel B250 chipset

Front ports

IKL: four USB 3.1 Gen1, one headphone / microphone combo jack (3.5mm), one microphone (3.5mm), optional media reader
ICB: 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

Rear ports

IKL: two USB 2.0, two USB 3.1 Gen1, ethernet (RJ-45), VGA, HDMI (1.4), power connector, line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)
ICB: four USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4), power connector, one headphone / microphone combo jack (3.5mm)

Audio support

High Definition (HD) Audio, Realtek ALC662

WLAN *(optional)*

Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1
Some: 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 (IKL model) or Intel I219-V (for ICB)

Security features

- Power-on password
- Hard-disk password
- Administrator password
- Kensington® lock

Keyboard *(opt)*

Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver
Some: Lenovo Calliope Wireless Keyboard, Fn keys, black or silver

Mouse *(optional)*

Some: Lenovo Calliope Mouse (USB connector),1600 dpi, black or silver
Some: Lenovo Calliope Wireless Mouse, 1200 dpi
Some: Lenovo Fingerprint Mouse (USB connector), 1600 dpi

Mechanical

- Tower (18L), silver / black color
- Dimensions (WxDxH): 6.5" x 12.76" x 14.8"; 165mm x 324mm x 376mm
- Weights (net weight): 17.64 lb (8 kg), weight may vary by configuration
- Optional front and rear system fan

Bay 1: slim ODD bay
Bay 2: 5.25", ODD bay (without 3.5" HDD bracket)
Bay 3: 3.5" or 2.5", HDD bay
Slot 1: full-length, full-height, PCIe x16
Slot 2: full-length, full-height, PCIe x1
PCIe M.2 slot x2 (one for WLAN, another for SSD / Optane memory)

Power supply

Some: 180 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
Some: 250 watts, autosensing, EnergyStar 6.1, universal (100V-240V)
Some: 400 watts, autosensing, EnergyStar 6.1, universal (100V-240V)

Limited warranty

- 1-year, limited mail-in service / service upgrades available
- 1-year or 2-year, depot repair service / service upgrades available

Preload

Preloaded operating system
Some: Windows® 10 Home 64
Some: Windows 10 Pro 64
Preloaded applications (only some listed)

- Lenovo® Rescue System
- Lenovo Companion
- Lenovo ID
- Adobe® Reader®

Environment

IKL: ENERGY STAR® 6.1; ErP Lot 3; GREENGURAD®; RoHS-compliant
ICB: ENERGY STAR® 6.1 (support version 7.0 after November); ErP Lot 3; RoHS-compliant

ideacentre 720 Intel











