ideacentre AIO 520 (22") Intel F0D5007TGE

Region
WE

Country
Germany

Machine Type
F0D5

Processor
Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)

Graphics
Integrated Intel HD Graphics 620

Chipset
Intel SoC Platform

Memory
8GBx1

Storage
1TB 7200rpm

Optical
DVD±RW

Media Reader
3-in-1

Display
21.5" FHD (1920x1080) IPS

Multi-touch
None

Camera
720p

Microphone
Dual Array

HDMI
HDMI-in

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

Keyboard / Mouse
USB Black / USB Black

Power Supply
90W Adapter

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
10/17

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 offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings 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, 2018. All rights reserved.

ideacentre AIO 520 (22") Intel Platform Specifications

Processor

22IKU: Intel® Celeron® Processor, Intel Pentium® Processor, or 6th / 7th / 8th Generation Intel Core™ i3 / i5 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron 3865U	2 / 2	1.8 GHz	2 MB	DDR4-2133	Intel HD Graphics 610
Pentium 4415U	2 / 4	2.3 GHz			
Core i3-6006U	2 / 4	2.0 GHz	3 MB		Intel HD Graphics 520
Core i3-7020U	2 / 4	2.3 GHz			Intel HD Graphics 620
Core i5-7200U	2 / 4	2.5 GHz / 3.1 GHz			
Core i5-8250U	4 / 8	1.6 GHz / 3.4 GHz	6 MB	DDR4-2400	Intel UHD Graphics 620

22IKL: Intel Celeron Processor, Intel Pentium Processor, or 7th Generation Intel Core i3 / i5 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron G3930T	2 / 2	2.7 GHz	2 MB	DDR4-2133	Intel HD Graphics 610
Pentium G4560T	2 / 4	2.9 GHz	3 MB		
Core i3-7100T	2 / 4	3.4 GHz		DDR4-2400	Intel HD Graphics 630
Core i5-7400T	4 / 4	2.4 GHz / 3.0 GHz	6 MB		

22ICB: Intel Celeron Processor, Intel Pentium Gold Processor, or 8th Generation Intel Core i3 / i5 Processors

Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics
Celeron G4900T	2 / 2	2.9 GHz	2 MB	DDR4-2400	Intel HD Graphics 610
Pentium Gold G5400T	2 / 4	3.1 GHz	4 MB		Intel UHD Graphics 610
Core i3-8100T	4 / 4	3.1 GHz	6 MB		Intel UHD Graphics 630
Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB	DDR4-2666	

Chipset
520-22IKU: Intel SoC (System on Chip) platform
520-22IKL: Intel B250 platform
520-22ICB: Intel B360 platform

Memory
22ICB: 16GB max / 2400MHz DDR4, two SO-DIMM sockets
Others: 8GB max / 2400MHz DDR4, two SO-DIMM sockets

Graphics
Some: Intel HD Graphics in processor, DirectX® 12
Some: AMD Radeon™ 530, 2GB GDDR5, DirectX® 12

Storage
Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm
Some: M.2 SSD / PCIe, PCIe 3.0 x 4
Some: Intel Optane™ Memory, M.2

SATA Controller Serial ATA, SATA 6.0Gb/s support

Optical *(opt)* SATA connector, DVD±RW, 9.0mm high, tray-in

Media reader 3-in-1 reader (SD, SDHC, SDXC) *(bottom)*

Ports
Rear: USB 2.0 x 3, power connector, Ethernet (RJ-45), security cable slot, HDMI-out, USB 3.1 Gen1 x 1 (for 22IKU / 22IKL), USB 3.1 Gen2 x 1 (only for 22ICB), optional HDMI-in
Bottom: headphone / microphone combo jack (3.5mm) x 1, media card reader
Right: USB 3.1 Gen1 x 1

TV tuner None

Audio support HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, dual array microphone

Display 21.5" (546mm) FHD (1920x1080) color, WVA, LED backlight, anti-glare, frameless 16:9 aspect ratio, 250 nits, IPS, borderless

Multi-touch *(opt)* 10-point multi touch

Light sensor None

Controls Power button, optional optical drive eject button, cable clip, camera eject button

WLAN 11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card

Bluetooth™ Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet Gigabit Ethernet connection

Remote control None

Security Power-on password, administrator password, security slot

Security chip None

Mechanical
- black or silver color

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Without stand	19.32 X 2.25 X 12.5 (inch); 490.7 x 57.04 x 317.46 (mm)	N/A	N/A
With stand	19.32 X 8.34 X 15.27 (inch); 490.7 x 212 x 387.78 (mm)	12.5 / 5.65	Tilt: 25° back, -5° forward

Power adapter 90 or 120 watts PSU, 100V-240V

Camera
Some: 720p HD, fixed focus
Some: IR camera, 1080p, (supports Windows Hello)

Keyboard *(opt)*
Some: Lenovo Calliope Keyboard (USB connector), black or silver
Some: Lenovo Calliope Wireless Keyboard, black or silver

Mouse *(opt)*
Some: Lenovo Calliope Mouse (USB connector), black or silver
Some: Lenovo Calliope Wireless Mouse, black or silver

Limited warranty
Some: 1-year or 2-year, depot repair service / service upgrades available
Some: 1-year, limited mail-in service / service upgrades available

Preload
Some: Windows® 10 Home 64
Preinstalled software includes but not limited to the following:
- Lenovo® Companion 3.0
- Lenovo ID
- Lenovo Settings
- Lenovo Rescue System 9.0
- McAfee® LiveSafe™ (30-day trial)

Environment
22ICB: ENERGY STAR® 7.0; ErP Lot 3; RoHS-compliant
Others: ENERGY STAR 6.1 (will update to ENERY STAR 7.0 after November); ErP Lot 3; RoHS-compliant

© Lenovo

ideacentre AIO 520 (22") Intel











