

# ideacentre AIO 520 (24") Intel F0D200C4IX

**Region**  
WE

**Country**  
Italy

**Machine Type**  
F0D2

**Processor**  
Core i3-7020U (2C, 2.3GHz, 3MB)

**Graphics**  
Integrated Intel HD Graphics 620

**Chipset**  
Intel SoC Platform

**Memory**  
8GBx1 DDR4-2400

**Storage**  
1TB 7200rpm + 16GB Optane Memory

**Optical**  
None

**Media Reader**  
3-in-1

**Display**  
23.8" FHD (1920x1080) IPS

**Multi-touch**  
None

**Camera**  
720p

**Microphone**  
Dual Array

**HDMI**  
HDMI-in

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

**Keyboard / Mouse**  
USB Silver / USB Silver

**Power Supply**  
90W Adapter

**Operating System**  
Windows 10 Home 64

**Warranty**  
2-year, Depot

**Ann Date (mm/yy)**  
05/18

## 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 AIO 520 (24") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	24IKL: Intel® Celeron® Processor, Intel Pentium® Processor or 6th / 7th Generation Intel® Core™ i3 / i5 / i7 Processors					Ports	Rear: USB 2.0 x 3, power connector, Ethernet (RJ-45), security cable slot, HDMI-out, USB 3.1 Gen1 x 1 (for 24IKU / 24IKL), USB 3.1 Gen2 x 1 (only for 24ICB), optional HDMI-in Bottom: headphone / microphone combo jack (3.5mm) x 1, media card reader Right: USB 3.1 Gen1 x 1 None															
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	TV tuner	None														
	Celeron G3930T	2 / 2	2.7 GHz	2 MB	DDR4-2133	Intel HD Graphics 610	Audio support	HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, dual array microphone														
	Pentium G4560T	2 / 4	2.9 GHz	3 MB	DDR4-2400	Intel HD Graphics 630	Display	23.8" (604.5mm) FHD (1920x1080) color, WVA, LED backlight, anti-glare, frameless 16:9 aspect ratio, 250 nits, IPS, borderless Support 10-point touch														
	Core i3-7100T	2 / 4	3.4 GHz	3 MB			Multi-touch (opt) Light sensor Controls	None Power button, optical drive eject button, cable clip, camera eject button														
	Core i5-7400T	4 / 4	2.4 GHz / 3.0 GHz	6 MB				11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card														
	Core i7-7700T	4 / 8	2.9 GHz / 3.8 GHz	8 MB				Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit Ethernet connection														
	24IKU: Intel Pentium Processor or 6th / 7th / 8th Generation Intel Core i3 / i5 Processors						Remote control	None														
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Security	Power-on password, administrator password, security slot														
	Pentium 4415U	2 / 4	2.3 GHz	2 MB	DDR4-2133	Intel HD Graphics 610	Security chip	None														
	Core i3-6006U	2 / 4	2.0 GHz	3 MB		Intel HD Graphics 520	Mechanical	<ul style="list-style-type: none"><li>black or silver color</li></ul> <table><tr><td></td><td>Dimensions (WxDxH)</td><td>Max weight (lb / kg)</td><td>Adjustments</td></tr><tr><td>Without stand</td><td>21.31 X 2.24 X 13.62 (inch); 541.2 x 57.3 x 346.06 (mm)</td><td>N/A</td><td>N/A</td></tr><tr><td>With stand</td><td>21.31 X 8.34 X 16.39 (inch); 541.2 x 212 x 416.8 (mm)</td><td>13.6 / 6.17</td><td>Tilt: 25° back, -5° forward</td></tr></table>				Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand	21.31 X 2.24 X 13.62 (inch); 541.2 x 57.3 x 346.06 (mm)	N/A	N/A	With stand	21.31 X 8.34 X 16.39 (inch); 541.2 x 212 x 416.8 (mm)	13.6 / 6.17	Tilt: 25° back, -5° forward
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	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																
	24ICB: Intel Pentium Gold Processor or 8th Generation Intel Core i3 / i5 / i7 Processors						Power adapter	Some: 90 watts PSU, 100V-240V Some: 120 watts PSU, 100V-240V														
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Camera	Some: 720p HD, fixed focus Some: IR camera, 1080p, (support Windows Hello)														
	Pentium Gold G5400T	2 / 4	3.1 GHz	4 MB	DDR4-2400	Intel UHD Graphics 610	Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), black or silver Some: Lenovo Calliope Wireless Keyboard, black or silver														
	Core i3-8100T	4 / 4	3.1 GHz	6 MB	DDR4-2666	Intel UHD Graphics 630	Mouse (opt)	Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Calliope Wireless Mouse, black or silver														
	Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB																		
	Core i7-8700T	6 / 12	2.4 GHz / 4.0 GHz	12 MB																		
Chipset	24IKL: Intel B250 platform 24IKU: Intel SoC (System on Chip) platform 24ICB: Intel B360 platform						Limited warranty	Some: 1-year, limited mail-in service / service upgrades available Some: 1-year or 2-year, depot repair service / service upgrades available														
Memory	24IKL: 12GB max / 2400MHz DDR4, two SO-DIMM sockets 24IKU: 8GB max / 2400MHz DDR4, two SO-DIMM sockets 24ICB: 16GB max / 2600MHz DDR4, two SO-DIMM sockets * System automatically clocks down for the processors with lower memory controller						Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preinstalled software includes but not limited to the following: <ul style="list-style-type: none"><li>Lenovo® Companion 3.0</li><li>Lenovo ID</li><li>Lenovo Settings</li><li>Lenovo Rescue System 9.0</li><li>McAfee® LiveSafe™ (30-day trial)</li></ul>														
Graphics	Some: Intel HD Graphics 520 / 610 / 620 / 630 or Intel UHD Graphics 610 / 620 / 630 in processor Some: AMD Radeon™ 530, 2GB GDDR5, DirectX® 12						Environment	24ICB: ENERGY STAR® 7.0; ErP Lot 3; RoHS-compliant Others: GREENGUARD® certified; ErP Lot 3; ENERGY STAR 6.1 (will update to ENERY STAR 7.0 after November)														
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe) 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)																					

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