

**Code:****Vendor code:****EAN code:**

Intel Core i5-7400T Processor (6M Cache, up to 3.00 GHz), 8GB RAM, 1000GB HDD, 27" QHD IPS, Windows 10 Home 64

This 27" all-in-one PC brings a premium look and performance into your home. You'll love its sleek design, appropriate for any room, and you'll marvel at its exceptional performance as it tackles every task – from creating a budget spreadsheet to streaming your favorite movies – with speed and proficiency.

#### Power and speed behind the beauty

IdeaCentre AIO 520 is equipped with up to a 7th Gen Intel® Core™ processor, a new standard for PC performance. We've added revolutionary Intel® Optane™ memory (select models) – a smart, adaptable system accelerator made specifically for your new 7th Gen Intel Core system. Intel Optane technology provides uncompromising responsiveness for systems with mega storage drives, making everything you do faster, smoother, and easier. Now is the time to get excited about IdeaCentre AIO 520.

#### 27" of crystal-clear resolution

Rewatching your snowboarding footage? Relive the moment and see every snowflake fly off your board, thanks to our Quad HD (2560 x 1440). And with optional 10-point multitouch display, it's even easier to scroll through footage, pause, and zoom in on the best clips.

#### Striking new design

The IdeaCentre AIO 520 was designed with a slim monitor and sleek steel stand. This modern profile is a perfect accent for your home's workspace.

#### Take data transmission speed to new levels

IdeaCentre AIO 520 includes a USB 3.0 Type-C connection, taking you to a new level of data transmission with a transfer rate of 10 gbits per second. What's more, you can charge your Type-C-connected device on IdeaCentre AIO 520.

#### Get Cortana's assistance from across the room

Meet Cortana, your own personal digital assistant who is prepared to answer your questions, open necessary apps, set reminders and even read appointments from your calendar. Merely type your request into the search bar or

speak it out. And now, as the first AIO to offer a Far Field Mic, IdeaCentre AIO 520 makes it possible to give Cortana voice commands from up to five meters away.

## Windows Hello knows your face

IdeaCentre AIO 520 stands out with its infrared camera, allowing Windows Hello to log you into your computer in less than two seconds – just by scanning your face. And when you walk away from your desk, Windows Hello detects your absence and automatically locks your computer.

## Webcam sees you only when you want it to

Webcam fright. We've all had it. It's the split second when you wonder if your camera is truly off – or if the people on your conference call have just seen you in your pajamas. The IdeaCentre AIO 520 alleviates that fear – with a convenient pop-up webcam. Press to release it when you need it, and simply push it back in place when you're done, and want guaranteed privacy. Working from home just got better.

## Audio

Aantal luidsprekers	2
Gemiddeld vermogen	6 W
Ingebouwde luidsprekers	Ja
Ingebouwde microfoon	Ja

## Beeldscherm

Beeldscherm vorm	Flat
Beeldscherm diagonaal	68,6 cm (27")
Beeldverhouding	16:9
HD type	Quad HD
Helderheid	350 cd/m <sup>2</sup>
LED backlight	Ja
Resolutie	2560 x 1440 Pixels
Touchscreen	Nee

## Camera

Ingebouwde camera	Ja
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## Certificaten

Energy Star-certificaat	Ja
RoHS compliance	Ja

## Design

Kleur van het product	Zilver
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## Geheugen

Geheugenslots	2
Intern geheugen	8 GB
Intern geheugentype	DDR4-SDRAM
Kloksnelheid geheugen	2400 MHz
Maximum intern geheugen	16 GB

## Gewicht en omvang

Breedte	615 mm
Diepte	64 mm
Gewicht	8,83 kg
Hoogte	474 mm

## Grafisch

Aantal displays ondersteund (door on-board grafische adapter)	3
Basisfrequentie ingebouwde grafische adapter	350 MHz
Discreet grafische adapter model	Intel® HD Graphics 630
Graphics on-board -adapter dynamische frequentie (max)	1000 MHz
Ingebouwde grafische adapter	Ja
Maximaal geheugen ingebouwde grafische adapter	64 GB
On-board grafische adapter DirectX-versie	12.0
On-board grafische adapter ID	0x5912
On-board grafische adapter OpenGL versie	4.4

## Inhoud van de verpakking

Inclusief muis	Nee
Toetsenbord inbegrepen	Nee

## Netwerk

Bluetooth	Ja
Bluetooth-versie	4.0
Ethernet LAN	Ja
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s
Wi-Fi	Ja
Wi-Fi-standaarden	Wi-Fi 5 (802.11ac)

## Opslagmedia

Aantal storage drives geïnstalleerd	1
Compatibele geheugenkaarten	SD,SDHC,SDXC
Geïntegreerde geheugenkaartlezer	Ja
HDD capaciteit	1000 GB

HDD interface	SATA III
HDD rotatiesnelheid	7200 RPM
Het aantal geïnstalleerde HDD's	1
Intel® Optane™-geheugenmodule geïnstalleerd	Nee
Opslagmedia	HDD
Soort optische drive	DVD±RW
Totale opslagcapaciteit	1000 GB

## Overige specificaties

Afneembaar scherm	Nee
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## Poorten & interfaces

Aantal Ethernet LAN (RJ-45)-poorten	1
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A	2
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type C	1
Aantal USB 2.0-poorten	2
Hoofdtelefoonuitgangen	1
Microfoon, line-in ingang	Ja

## Prestatie

Producttype	Alles-in-één-pc
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## Processor

Aantal processorkernen	4
Bus type	DMI3
Codenaam processor	Kaby Lake
Configureerbare TDP-downfrequentie	1200 MHz
Conflictvrije processor	Ja
ECC ondersteund door processor	Nee
Frequentie van processor	2,4 GHz
Geheugenkanalen ondersteund door processor	Dual
Geheugentypen ondersteund door processor	DDR3L,DDR4-SDRAM
Klokgeheugen-snelheden ondersteund door processor	1333,1600,2133,2400 MHz
Maximaal aantal PCI Express-lijnen	16
Maximaal intern geheugen ondersteund door processor	64 GB
Maximale turbofrequentie van processor	3 GHz
PCI Express configuraties	1x16,1x8+2x4,2x8
PCI Express slots versie	3.0
Processor aantal threads	4
Processor cache	6 MB
Processor cache type	Smart Cache
Processor lithografie	14 nm
Processor operating modes	64-bit
Processor socket	LGA 1151 (Socket H4)

Processorcode	SSSR332
Processorfamilie	Zevende generatie Intel® Core™ i5
Processormodel	i5-7400T
Processorserie	Intel Core i5-7400 Desktop Series
Stepping	B0
Systeembus	8 GT/s
Thermal Design Power (TDP)	35 W
Tjunction	80 °C
Voltage geheugen ondersteund door processor	1,35 V

## Processor speciale functies

ARK ID processor	97184
CPU configuratie (max)	1
Enhanced Intel SpeedStep Technology	Ja
Execute Disable Bit	Ja
Idle States	Ja
Ingebouwde opties beschikbaar	Nee
Intel® 64	Ja
Intel® AES New Instructions (Intel® AES-NI)	Ja
Intel® Clear Video HD Technology (Intel® CVT HD)	Ja
Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	Ja
Intel® Clear Video-technologie	Ja
Intel® Enhanced Halt State	Ja
Intel® Hyper Threading Technology (Intel® HT Technology)	Nee
Intel® Identity Protection Technology (Intel® IPT)	Ja
Intel® InTru™ 3D Technology	Ja
Intel® Optane™ Memory Ready	Ja
Intel® OS Guard	Ja
Intel® Quick Sync Video Technology	Ja
Intel® Secure Key	Ja
Intel® Software Guard Extensions (Intel® SGX)	Ja
Intel® Stable Image Platform Program (SIPP)	Ja
Intel® Trusted Execution Technology	Nee
Intel® TSX-NI	Ja
Intel® Turbo Boost Technology	2.0
Intel® Virtualization Technology (VT-x)	Ja
Intel® Virtualization Technology for Directed I/O (VT-d)	Ja
Intel® VT-x with Extended Page Tables (EPT)	Ja
Ondersteunde instructie sets	AVX 2.0,SSE4.1,SSE4.2
Schaalbaarheid	1S
Thermal Monitoring Technologies	Ja
Thermal solution specificatie	PCG 2015A
Verpakkingsgrootte processor	37.5 x 37.5 mm

# Software

Architectuur besturingssysteem	64-bit
Inclusief besturingssysteem	Windows 10 Home