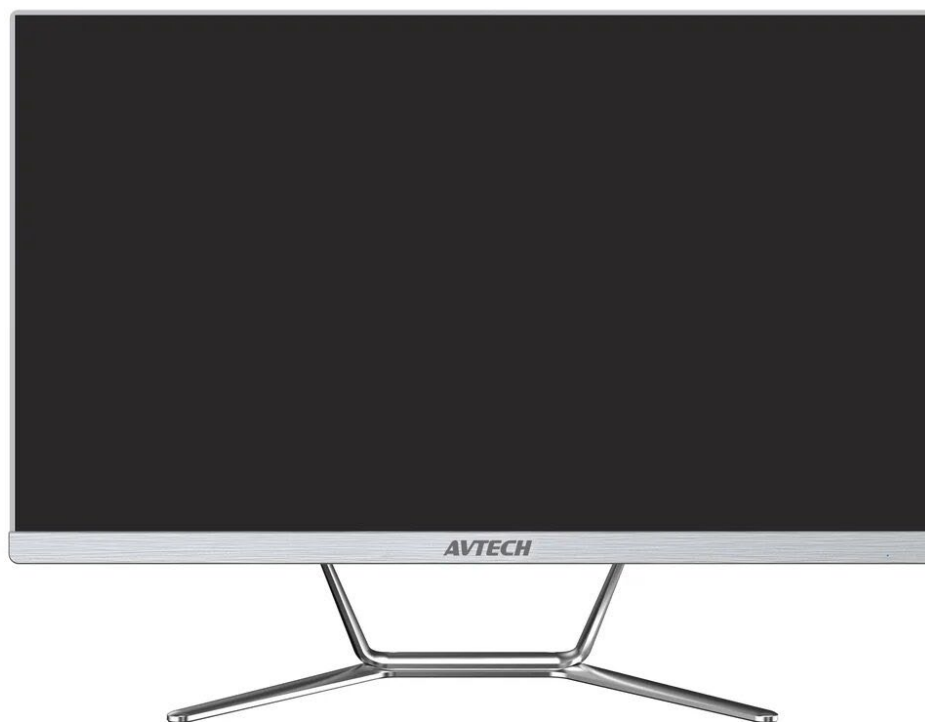


# All-in-One PC

## AVTECH G40

**AVTECH**<sup>®</sup>  
available technologies



# All-in-One PC AVTECH G40

Operating system Microsoft Windows 11 Pro

## Display

Matrix	IGZO IPS
Surface	Matte
Resolution	1920 x 1080
Diagonal	23.8 inches
Displayed colors	16,7 million
Contrast	1000:1
Frequency	60Hz
Viewing angle	178°
Display aspect ratio	16:9
Frame thickness	4 mm
Additional Information:	
Anti-reflective coating	haze 25%
Durable, double-sided, high-index multi-layer anti-scratch hard coating 3H	

## CPU Intel® Core™ 12/13-th generation max TDP 65W

CPU Intel® Core™ i7-13700 (16 cores / 24 streams, 1.50 GHz, up to 5,20 GHz, 30 MB, Intel® UHD Graphics 770)
CPU Intel® Core™ i7-12700 (12 cores / 20 streams, 1.60 GHz, up to 4,90 GHz, 25 MB, Intel® UHD Graphics 770)
CPU Intel® Core™ i5-13500 (14 cores / 20 streams, 1.80 GHz, up to 4,80 GHz, 24 MB, Intel® UHD Graphics 770)
CPU Intel® Core™ i5-13400 (10 cores / 16 streams, 1.80 GHz, up to 4,60 GHz, 20 MB, Intel® UHD Graphics 770)
CPU Intel® Core™ i5-12500 (6 cores / 12 streams, 3.00 GHz, up to 4,60 GHz, 18 MB, Intel® UHD Graphics 770)
CPU Intel® Core™ i5-12400T (6 cores / 12 streams, 1.80 GHz, up to 4,20 GHz, 18 MB, Intel® UHD Graphics 730)
CPU Intel® Core™ i5-12400 (6 cores / 12 streams, 2.50 GHz, up to 4,40 GHz, 18 MB, Intel® UHD Graphics 730)
CPU Intel® Core™ i3-13100 (4 cores / 8 streams, 3.40 GHz, up to 4,50 GHz, 12 MB, Intel® UHD Graphics 730)
CPU Intel® Core™ i3-12100 (4 cores / 8 streams, 3.30 GHz, up to 4,30 GHz, 12 MB, Intel® UHD Graphics 730)
CPU Intel® Pentium® G7400 (2 cores / 4 streams, 3.70 GHz, 6 MB, Intel® UHD Graphics 710)
CPU Intel® Celeron® G6900 (2 cores / 2 streams, 3.40 GHz, 4 MB, Intel® UHD Graphics 710)

\*Note. With Intel® Turbo Boost Technology (clock speed and performance may vary based on load and other factors)

# All-in-One PC AVTECH G40

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## RAM. Available Variations

4 GB(1 module/ 4 GB modules) DDR4, non-ECC, 2133 MHz, SO DIMM
4 GB(1 module/ 4 GB modules) DDR4, non-ECC, 2400 MHz, SO DIMM
4 GB(1 module/ 4 GB modules) DDR4, non-ECC, 2666 MHz, SO DIMM
8 GB(2 modules/ 4 GB modules) DDR4, non-ECC, 2133 MHz, SO DIMM
8 GB(2 modules/ 4 GB modules) DDR4, non-ECC, 2400 MHz, SO DIMM
8 GB(2 modules/ 4 GB modules) DDR4, non-ECC, 2666 MHz, SO DIMM
8 GB(1 module/8 GB modules) DDR4, non-ECC, 2133 MHz, SO DIMM
8 GB(1 module/8 GB modules) DDR4, non-ECC, 2400 MHz, SO DIMM
8 GB(1 module/8 GB modules) DDR4, non-ECC, 2666 MHz, SO DIMM
16 GB(2 modules/8 GB modules) DDR4, non-ECC, 2133 MHz, SO DIMM
16 GB(2 modules/8 GB modules) DDR4, non-ECC, 2400 MHz, SO DIMM
16 GB(2 modules/8 GB modules) DDR4, non-ECC, 2666 MHz, SO DIMM
16 GB(1 module/16 GB modules) DDR4, non-ECC, 2133 MHz, SO DIMM
16 GB(1 module/16 GB modules) DDR4, non-ECC, 2400 MHz, SO DIMM
16 GB(1 module/16 GB modules) DDR4, non-ECC, 2666 MHz, SO DIMM
32 GB(2 modules/16 GB modules) DDR4, non-ECC, 2133 MHz, SO DIMM
32 GB(2 modules/16 GB modules) DDR4, non-ECC, 2400 MHz, SO DIMM
32 GB(2 modules/16 GB modules) DDR4, non-ECC, 2666 MHz, SO DIMM

## Storage devices

PCIe SSD, 128 GB M.2 module with NVMe technology
PCIe SSD, 1024 GB Module M.2 with NVMe technology
PCIe SSD, 256 GB M.2 module with NVMe technology
PCIe SSD, 512 GB module M.2 with NVMe technology
HDD SATA II, 5400 rpm, 500 GB, 2,5-inches
HDD SATA II, 5400 rpm, 1000 GB, 2,5-inches
HDD SATA II, 5400 rpm, 2000 GB, 2,5-inches
HDD SATA III, 5400 rpm, 500 GB, 2,5-inches
HDD SATA III, 5400 rpm, 1000 GB, 2,5-inches
HDD SATA III, 5400 rpm, 2000 GB, 2,5-inches
HDD SATA III, 7200 rpm, 2000 GB, 2,5-inches
HDD SATA III, 7200 rpm,1000 GB, 2,5-inches
HDD SATA III, 7200 rpm, 500 GB, 2,5-inches
SSD SATA III, 1024 GB, 2,5-inches
SSD SATA III, 128 GB, 2,5-inches
SSD SATA III, 256 GB, 2,5-inches
SSD SATA III, 512 GB, 2,5-inches

# All-in-One PC AVTECH G40

Operating system Microsoft Windows 11 Pro

## Motherboard

Chipset	Intel® H610
Thermal Design Power	Maximum processor power rate 65W
CPU socket	LGA1700
Max Memory Size	64 GB
RAM type	So-Dimm x2 (DDR4)
RAM frequency	3200*/2666/2400 MHz, non-ECC
Memory note: Dual memory channels supported. To use dual memory channels, you must order at least 2 modules of the same memory. The frequency of 2666 MHz can be reduced to 2400 or 2133 depending on the CPU model	
Integrated network controller LAN Realtek® RTL8111H/ Intel® I219-V, 1 x 10/100/1000 Mbps	
Built-in WLAN	M 2 Wireless & Bluetooth combined AC7265 - 802.11AC/ABGN WLAN c BLUETOOTH 4.2
Audio codec	Realtek ALC887 - 8-channel high definition audio
Intel® Graphics	(depending on processor)

## Interfaces

On the back:

DC power connector (19V 6.33A supported)	1
Audio connectors: line-out / headphones	1
Audio connectors: line-in / microphone	1
Video output: HDMI version 2.0 (Supports HDMI with a maximum resolution of 4096 x 2160 )	1
Other interfaces:	
RS-232 / D-sub	1
Ethernet (RJ-45)	1
USB 3.0 / Type C	2/4

On the sidebar (right):

Interfaces

USB 2.0	2
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## Compartments

2.5" internal SATA drive bays	1
M.2 Socket 3 with M 2280/2260 type key (both SATA & PCIE mode)	1
M.2-2230 on motherboard for preinstalled WLAN module	1

# All-in-One PC **AVTECH G40**

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## Safety

Trusted Platform Module (TPM) (additional module installation required)

## Control Technology

WfM	2.0
DMI	2.0
WOL by	PME

## Dimensions, weight

\*Dimensional Notes: height is indicated without adjustable base.

Width - Height - Thickness	541x476x50 mm
Net weight	6 kg ± 300 gr (depending on configuration)

## Color

Frame	Black / White
Stand	Silver

## Additional Information

Audio system built-in stereo speakers	4Ω 3W
Vesa	100*100 mm
Design data:	Tilt angle from -5 to +10 degrees

\*Design and specifications are subject to change without notice.