

HOWARD

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The Q370 Desktop Computer



Step up to 8th Generation processing for unrivaled PC performance without spending a bundle! It's possible with Howard's new Q370 desktop computer. Not only does it deliver faster CPU performance than any of its predecessors, but it also enables premium 4K content, allowing you to see new colors with Wide Color Gamut for eye-popping visuals. The Q370's business-efficient chipset gives you the high-performance typical of a workstation, without the cost. It also introduces Optane memory with intelligent software that provides performance improvements and accelerates system responsiveness, so apps launch faster and backups are finished in a flash! The Q370 comes packed with USB 3.0 and 2.0 ports, allowing for a range of USB devices to be used at once.

Whether you use the Q370 for business or pleasure, this system is designed to take you where you want to go.

• Security • Reliability • Manageability



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Q370 Desktop Specifications

Chipset

Intel® Q370

Operating System

Microsoft Windows® 10, 64-bit

Processors

Intel® for 8th Generation Core™ Core™ i7, Core™ i5, Core™ i3/Pentium®/Celeron® processors

System Memory

4 x DIMM, max 64GB, DDR4

Video

Integrated graphics processor- Intel® HD graphics support

Audio

Realtek® ALC 887 8-channel High-definition CODEC

Network

Intel® I219LM, 1 x Gigabit LAN

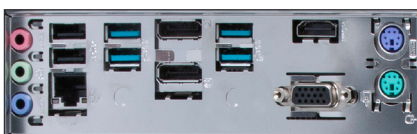
Internal Ports

- (1) M.2 Socket 3 with M key, type 2242/2260/2280 storage devices support (SATA & PCIe 3.0 x 4 mode)
- (1) M.2 Socket 3 with M Key, type 2242/2260/2280 storage devices support (PCIe mode only)
- (1) LPT header
- (2) COM ports connectors
- (6) SATA 6Gb/s connectors
- (1) M.2 Socket 1 with E key, type 2230 for Wi-Fi/BT devices support or PCIe/USB mode
- (1) PCIe 3.0/2.0 x16
- (2) PCIe 3.0/2.0 x1
- (1) PCI

External Ports

- (1) PS/2 keyboard (purple)
- (1) PS/2 mouse (green)
- (1) D-Sub
- (2) DisplayPort
- (1) HDMI
- (1) LAN (RJ45) port
- (4) USB 3.1 Gen 2 type-A
- (2) USB 2.0
- (3) Audio jacks

Back Ports



Chassis Technical Specifications

(Cases subject to change due to configuration and/or availability)

MKB

Dimensions: 14.25"(H) x 7"(W) x 17.2"(D)
3.5" Drive Bays: Internal=2, External=2
5.25" Drive Bays: External=2
Front Panel: USB=2,
Audio=1 Line Out /1 Mic
PSU: 300W (110 to 240W AC)

LPKB

Dimensions: 3.8"(H) x 13"(W) x 16.00"(D)
3.5" Drive Bays: Internal=2, External=1
5.25" Drive Bays: External=1
Front Panel: USB=4, Audio=1 Line out /1 Mic
PSU: 300W (110 to 240W AC)



LPKB

AKB

Dimensions: 19.30"(H) x 7.5"(W) x 16.7"(D)
3.5" Drive Bays: Internal=5, External=2
5.25" Drive Bays: Internal=0, External=3
Front Panel: USB=2, Audio=1 Line Out /1 Mic
PSU: 300W (110 to 240W AC), Upgradable?
to 1200W

Warranty & Support

- Howard Technology Solutions' standard warranties apply.
- **FREE** customer and technical support to purchaser via telephone or web for the life of the system.
- Expedite your troubleshooting process by participating in our Howard Technical Partnership Program (HTPP) which certifies your staff to perform basic hardware service and support. Contact us today for more information.

Contact Howard Technology Solutions for world-class service and support.

Online: www.howardcomputers.com/support
Phone: 1.888.323.3151
Email at tech@howardcomputers.com, or
Conventional mail at:

Howard Technology Solutions
36 Howard Drive
Ellisville, Mississippi 39437

FAQs

Q: Is an M.2 SSD the same as an mSATA SSD?

A: No, they are different; M.2 supports both SATA and PCIe storage interface options, while mSATA is SATA only. Physically, they look different and cannot be plugged into the same system connectors. The picture below shows an M.2 SSD and an mSATA SSD (you can see the connector is different, as are their card sizes):



Q: Why are there different lengths for M.2 SSDs?

A: There are two reasons for the different lengths of M.2 SSDs:

1. The different lengths enable different SSD drive capacities; the longer the drive, the more NAND Flash chips that can be mounted on it, in addition to a controller and possibly a DRAM memory chip. The 2230 and 2242 lengths support 1-3 NAND Flash chips while the 2280 and 22110 support up to 8 NAND Flash chips, which can enable a 1TB SSD in the largest M.2 form factors.

2. Socket space in the system board can limit the M.2 size: Some notebooks can support an M.2 for caching purposes, but only have a small space that will accommodate only a 2242 M.2 SSD (2230 M.2 SSDs are smaller still, but not needed in most cases where 2242 M.2 SSDs will fit).

The Howard Advantage!

With every Howard product purchase, you receive the following for **FREE!**

- Phone and web tech support for the LIFE of your system
- 100% US-based, English-speaking customer support 24/7/365
- Phone hold times < 1 minute