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# The WX390 Workstation



*Blast your way through data-intensive work processes with Howard's newest workstation, the WX390. Increases in both design complexity and workloads for professionals in areas such as architecture, energy exploration, graphic arts, medical imaging, and manufacturing, demand ever-increasing levels of performance, scalability and reliability. Howard's new WX390 is built with that in mind. It's designed to handle professional-grade applications that require tremendous processing power, including 3D CAD-CAM, and CGI. It goes beyond the capabilities of standard computers, with 8<sup>th</sup> and 9<sup>th</sup> generation Intel® Core™ processors that deliver the raw power necessary to get real work done—real fast. And when work is done, the WX390 plays just as hard, so gaming is ultra-fast and super-smooth.*

Affordable? Yes. At a cost of no more than some desktop computers, you can get the right system—Howard's WX390 workstation—at the right price.

*Power up with the WX390 and experience the Howard Advantage!*

*9<sup>th</sup> and 8<sup>th</sup> Generation High-Performance*



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# WX390 Workstation

## Specifications

### Chipset

Intel® Z390

### Operating System

Microsoft Windows® 10, all versions

### Processors

Supports 9<sup>th</sup>/ 8<sup>th</sup> Gen Intel® Core™/ Pentium® Gold/ Celeron® processors for LGA 1151 socket

### System Memory

Up to 64GB of DDR4 (4 Slots, DIMM)

### Video

Integrated graphics processor- Intel HD graphics support  
Discrete graphics card available from the RTX Series to the Quadro Series

### Audio

Realtek® high definition audio with twin built-in speakers

### Network

Intel® I219V, 1 x Gigabit LAN controller

### Internal Ports

- (1) 24-pin ATX main power connector
- (1) 8-pin ATX 12V power connector
- (1) 6-pin ATX 12V power connector
- (6) SATA 6Gb/s connectors
- (2) M.2 slots (1 M-Key slot, 1 E-Key slot)
- (2) USB 3.1 Gen1 connectors (supports additional 4 USB 3.1 Gen1 ports)
- (2) USB 2.0 connectors (supports additional 4 USB 2.0 ports)
- (1) 4-pin CPU fan connector
- (1) 4-pin water pump connector
- (5) 4-pin system fan connectors
- (1) Front panel audio connector
- (2) System panel connectors
- (1) Chassis intrusion connector
- (1) 4-pin RGB LED connector
- (1) Serial Port connector
- (1) Clear CMOS jumper
- (1) Parallel port connector
- (1) TPM module connector
- (1) Thunderbolt add-on card connector
- (1) Front OC button connector

### External Ports

- (1) USB 3.1 Gen2 type A+C
- (1) USB 2.0
- (1) DisplayPort 1.4
- (2) USB 3.1
- (1) Audio= Mic, Speakers
- (1) LAN
- (1) Headphone jack
- (1) Multimedia card reader
- (1) PS/2 Combo
- (1) VGA
- (1) DVI-D

### Chassis Technical Specifications

Dimensions:

19.29(H) x 8.46(W) x 16.77(D)

### Drive Bays

3.5" (5) Internal (2) External

5.25" (3) External

### Front Panel

USB=2, Audio=1 Line Out /1 Mic

### PSU

550W (110 to 240W AC)

Upgradable to 1200W

\*Product and availability subject to change

## 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](http://www.howardcomputers.com/support)

Phone: 1.888.323.3151

Email at [tech@howardcomputers.com](mailto:tech@howardcomputers.com), or

Conventional mail at:

Howard Technology Solutions  
36 Howard Drive  
Ellisville, Mississippi 39437

## 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