HOWARD™
TECHNOLOGY SOLUTIONS

Howard Computing Solutions

Sophisticated, high-performance systems

2023
AIOS | DESKTOPS | MOBILE

About Us

Experience the Howard Advantage

The Howard Advantage starts with being an actual manufacturer by trade and not simply an integrator of parts. Howard Industries, our parent company, was founded in 1968 by Billy Howard, Sr. Over the past four decades, **this company has grown to become the nation's leading manufacturer of distribution transformers**, with nearly nine-million transformers in service throughout the United States and abroad.

Howard's firmly established position as a leader of industry served as the springboard for a new division, which began production of computer technology in 1998, Howard Technology Solutions (HTS).

Howard (HTS) **designs and manufactures its own enterprise mobility solutions**. In addition, strategic partnerships with other industry leaders enable us to offer **a rich portfolio of over 300,000 name brand products**. We have dedicated representatives for each of the products we have listed, who are equipped with the knowledge and expertise to answer questions and assist in the buying process. From purchase and delivery to installation, management, and servicing by industry-certified technicians, Howard is with you every step of the way.

We provide government agencies and schools with innovative and affordable technology. We help medical facilities maximize productivity and improve patient care, and we support first-responders in emergency situations by facilitating communication among diverse systems and organizations. From single components for individual consumers to large-scale solutions for commercial businesses, we supply superior technology.
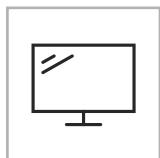
Power   Transportation   Lighting   Store   Education   Medical   Enterprise   Technology

Solutions Legend

All-In-Ones
04-05

Desktops
06-11

Mobile
12-17

Warranty & Support
18-19

HD Display
Four times as many pixels as the 1080p Full HD

Easy Swap System - want to upgrade? Simply remove four screws on the back panel and swap out the compute element. Viola! It's a new computer.

A fully immersive experience - High Definition 1920x1080 display with built-in Dolby stereo speakers.

AIO Solutions: Howard IQ-N1 Desktop

Get the All-in-One that's easy on the eye, both aesthetically and ergonomically—the Howard IQ-N1. This 23.8-inch, full WQHD system offers sophisticated styling as well as ergonomic benefits in the curvature of its design. This design provides a wider field of view with less distortion for a more natural viewing experience.

Processor: Up to Intel® Core i7
Operating System: Microsoft® Windows® 11 Home and Pro
Memory: Up to 32 GBs
Hard Drive: Up to 2 TB SSD NVMe
Graphics Card: Integrated Intel HD Graphics*
Display: 23.8" 16:9 Full HD LED Backlit Display
Manufacturer Warranty: 3-Year Limited Hardware Warranty with 1-Year Next-Business-Day, Onsite Response
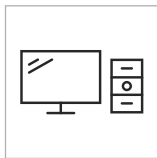
Industry or Use Cases:

Business   Medical   Government

Education   Gaming   Personal

Micro USB Card Port

Ethernet Jack

only 4" wide

Imagine a powerful desktop that small. It's the IQ-K.

Desktop Solutions: the IQ-K

Small can do it all—if—it's Howard's new IQ-K mini desktop computer. From focusing on work to playing games and streaming movies, the IQ-K is customizable and powerful enough to handle all your computing needs with ease, yet small enough to fit in the palm of your hand. Howard's IQ-K is super-fast and produces incredible visuals that breathe life into every single image.

Processor: Up to i7 12th Generation
Operating System: Microsoft® Windows® 10 Professional 64-bit OEM, with DVD Media, COA
Memory: Up to 32 GB DDR4
Hard Drive: SDD - 500 GB - M.2 - NVMe
Graphics Card: Integrated Intel Graphics
Manufacturer Warranty: 3-Year Limited Hardware Warranty with 1-Year Next-Business-Day, Onsite Response
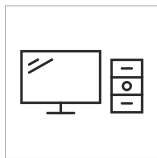
Industry or Use Cases:

Business | Medical | Government

Education | Digital Signage | Personal

Upgrade to the Howard DR to get an additional (5) USB 2.0 back ports

The standard Howard DR back ports: (1) Display, (1) HDMI, (2) LAN (RJ45) ports, (4) USB 3.0 (blue), (2) audio jacks, (1) DC power connector

only 7.5" wide

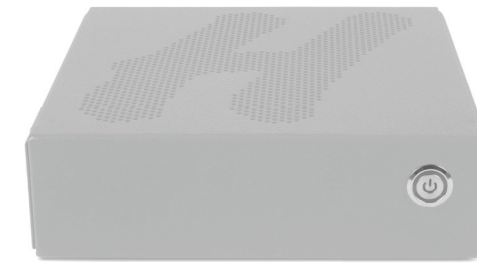# **Desktop** Solutions: the Howard DR

In the world of computers, minis are in! And just so you know, what makes a mini small doesn't make it less powerful. Consider Howard's new DR Mini. Powered by an Intel Core i5 processor, this full-featured mini delivers the same reliability and high-speed performance as larger, more costly computers and manages demanding applications just as efficiently.

Processor: Up to i7 12th Generation
Operating System: Microsoft® Windows® 11
Memory: Up to 32 GB -DDR4
Hard Drive: SSD - 250 GB - M.2 - NVMe
Power Supply: 90 W power adapter Output:19V 4.74A
Manufacturer Warranty: 3-Year Limited Hardware Warranty with 1-Year Next-Business-Day, Onsite Response
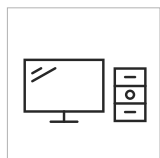
Industry or Use Cases:

Business Medical Government

Education Digital Signage Personal

lightning fast

Cutting-edge responsiveness allows applications to load faster and run more smoothly, and you can run more of them simultaneously, so you get more done in less time!

- Industry-leading cooling options: Comprehensive controls for fans and water pumps, via Fan Xpert 4 software or the acclaimed ASUS UEFI.

- M.2 heatsink: Ultra-efficient heatsink reduces M.2 SSD temperatures by up to 20°C for unthrottled SSD storage speeds and enhanced reliability.

- Aura Sync: Controllable onboard RGB lighting that's easily synced with an ever-growing portfolio of Aura-capable hardware.

Desktop Solutions: the WX790

Blaze through work processes like never before with one of the most powerful, scalable workstations Howard has ever offered, the WX790. Powered by the latest Intel® Xeon® processors, it's designed to take on heavy workloads day after day, to work seamlessly with the data-intensive software applications used by professionals—video editors, architects, product designers, medical and research professionals, engineers and financial analysts. Whether your workforce is crunching complex calculations or manipulating sophisticated graphics, the WX790 delivers the speed and high performance you need to complete the task at hand.

Chipset: Intel® Z790
Processor: Up to i9 13th Generation
Operating System: Microsoft Windows® 11, 64-bit
Memory: Up to 128GB, DDR5
Chassis Technical Specifications: Dimensions 19.30 (H) x 7.5 (W) x 16.7 (D) (inches) GET FROM PDF

Industry or Use Cases:

Business   Medical   Government

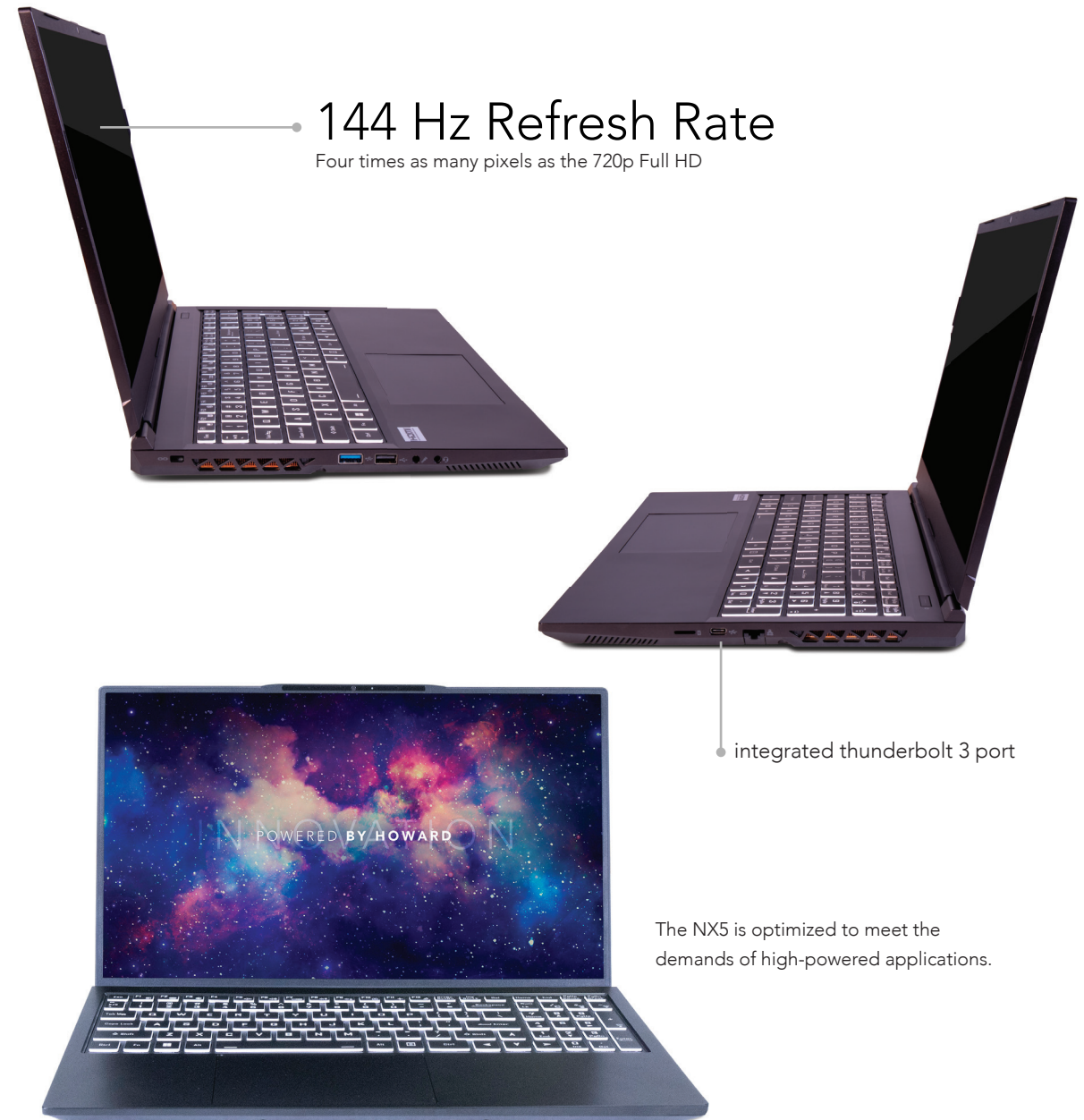Education   Gaming   Video Editing

facial recognition

Just one of the many useful, advanced features of the Howard NX5.

Mobile Solutions: the NX5

Maximum security—it's a good thing when it means safeguarding your data. Howard's newest laptop, the NX5, offers that kind of protection using facial recognition—rapid, reliable face authentication using the best in biometric software and a 4k display for amazing detail and clarity. It's the ultimate in data protection! No password, just you and your computer.

144 Hz Refresh Rate

Four times as many pixels as the 720p Full HD

integrated thunderbolt 3 port

The NX5 is optimized to meet the demands of high-powered applications.

Processor: Up to i9 13th Generation
Operating System: Windows 11 All Versions
Memory: Up to 64GB of DDR4 (2 Slots, SO-DIMMs)
Graphics Card: Intel HD Graphics
Security: Facial Recognition
Network Card: 10/100/1000 Ethernet Intel dual-band wirelessAC 8265 2x2 + Bluetooth 4.2
Hard Drive: M.2 or 2.5" storage
Number of Hard Drives: up to 2 drives

Industry or Use Cases:

Business   Medical   Government

Education   Video Conferencing   Personal

business class
built to last

The IQ-C has an extremely thin form factor—just .65 inches—that makes it the thinnest laptop with a mechanical keyboard in the industry

The IQ-C features a premium toggle switch

3.5mm Headset
USB 3.2 Gen2
Intel Ethernet Connection I219-LM
Kensington Lock

Thunderbolt 4 (USB-C, DP 1.4a, PD)
HDMI 2.0
USB 3.2 Gen2
MiniDP 1.4a

Mobile Solutions: the IQ-C

Blast your way through to parts unknown with the IQ-C, Howard's VR-ready gaming laptop. Powered by Intel's 8th generation six-core processors, the IQ-C is ultra fast, super powerful, and innately responsive. Featuring Intel XE graphics, the IQ-C is designed to catapult you into virtual worlds that are so realistic you'll swear you're there! And this system looks good, too!

Processor: Intel Compute Elements - Up to Core i7 (Intel vPro option)
Operating System: Windows® 11 Home or Professional 64-bit
Memory: Up to 32GB integrated in Compute Element
Display: 13.9" IPS LCD, LED Backlit; 3000x2000 Pixel; 3:2 Aspect Ratio; 10-Point Touch
Graphics Card: Intel XE
Network Card: 10/100/1000 Ethernet
Intel dual-band wirelessAC 8265 2x2 + Bluetooth 5.0
Hard Drive: M.2 or 2.5" storage
Number of Hard Drives: up to 2 drives

Industry or Use Cases:

Business   Medical   Government

Education   Gaming   Personal

dominate your game

The NX5X has 265 Hz refresh rate

The NX5X features a premium full size, NKRO (N-Key Rollover) per-key, RGB backlit gaming keyboard with Anti-ghosting, 10-key numeric keypad, removable key caps, and a customizable RGB light bar.

This beautiful system also features an impressive thermal design that ensures it stays as cool as it looks.

Mobile Solutions: the NX5X

Blast your way through to parts unknown with the NX5X, Howard's VR-ready gaming laptop. Powered by Intel's 8th generation six-core processors, the NX5X is ultra fast, super powerful, and innately responsive. Featuring Nvidia 40 series graphics, the NX5X is designed to catapult you into virtual worlds that are so realistic you'll swear you're there! And this system looks good, too!

Processor: Up to i9 13th Generation
Operating System: All versions of Microsoft Windows® 11
Memory: Up to 64 GBs DDR5 (2 Slots, SO-DIMMs)
Display: 15.6" Full HD anti-glare (1920X1080)
Graphics Card: Nivida® GeForce RTX 40 Series GDDR6X
Network Card: 10/100/1000 Ethernet
Intel dual-band wirelessAC 8265 2x2 + Bluetooth 4.2
Keyboard: Mechanical lightswitch, per key RGB keyboard
Hard Drive: M.2 or 2.5" storage
Number of Hard Drives: up to 2 drives

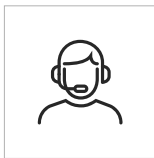**Industry or Use Cases:**

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Howard Computer Systems Standard Limited Warranty

What are the terms of the Limited Warranty?

Every time you purchase a Howard Technology Solutions branded product in the U.S. you receive a Limited Warranty that provides you with a comprehensive service and support program for the term of the warranty. To determine the warranty type and duration that is included with your purchase, see your packing slip or order confirmation. Alternately, you may email your questions or description of the problem to Technical Support Center at: tech@howardcomputers.com

Note: Warranty service may be fulfilled by shipping user replaceable parts, such as the keyboard, mouse, cables, monitors, speakers, or similar devices directly to you.

The product you have purchased is warranted by Howard Technology Solutions to be free of defects in materials and workmanship under normal use for the duration of the terms as stated in the Limited Warranty. The warranty begins the day we ship your Howard Technology Solutions branded product. As an added convenience, Howard Technology Solutions keeps track of this date for you. Your product's Limited Warranty is non-transferable and will not be honored if the ownership of the product changes. For the duration of the Limited Warranty, Howard Technology Solutions will repair or replace defective parts with new or serviceable parts, which meet or exceed the performance of new parts.

How do I get technical support?

With Howard Technology Solutions, you receive FREE telephone technical support 24/7, 365 days a year for as long as you own your Howard Technology Solutions product. Our friendly, US-based team of experts will answer your questions about the product, hardware setup, or installation and with telephone hold times typically less than 1 minute. To expedite our service to you, please gather the following information before calling our Technical Support Center at (888) 323-3151:

- Product serial number(s) - on the side or bottom of machine
- Add-on boards of hardware installed on the product
- Third-party software installed on the product
- Operating system type and revision level
- Content of any error messages
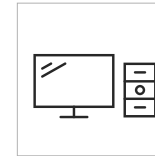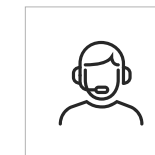- Explanation of the problem and/or detailed, specific questions

Warranty & Support

Howard Technology Solutions strives to make customer service and support a top priority for all of our customers. We offer a customer service team composed of 100% US-based experts; a professional services team to assist you with technical training, support, and networking; and many other services and support. All of these services combined with our phenomenal products are designed to make your relationship with Howard a success.

For the full Howard branded warranty statement, please visit: http://hcintranet/order/core/support/warranties.cfm

To submit a service request for your Howard product, please fill out the form at: http://hcintranet/order/core/support/index.cfm

POWERED BY **HOWARD INNOVATION**

Web:
www.howard.com
Live chat available M-F, 8-5 CST

Customer & Technical Support:
Toll Free: 1.888.323.3151
24/7 (excluding US holidays)

General Information:
Toll Free: 1.888.912.3151

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