

FULLY CUSTOMIZABLE
Orion HC Micro PC

COMPACT

Performance

Best in
the Industry



THINK YOU
KNOW WHAT
SMALL CAN DO?
THINK AGAIN.



- 6 Display Simultaneous
- Up to 4k Resolution
- VR Ready



Custom built computers, just the way you want



Experience Extreme with the DakTech Orion HC - giving you breakthrough performance to push your creations, games or work that requires heavy lifting. The DakTech Orion HC features and i7 processor with dedicated Radeon RX Vega M graphics. At 1.2 liters, it gives you all the power of a performance desktop in the palm of your hand.

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CHALLENGE US TO CREATE A COMPUTER
THAT'S BUILT JUST FOR YOU.

DESKTOPS | SERVERS | VIRTUALIZATION | MOBILE | 3D PRINTERS | STEMWARE

3502 36th Street South | Fargo, ND 58104 | 800.325.3238 | sales@daktech.com | techsupport@daktech.com

Technical Specifications

Orion HC Micro PC

Custom built computers, just the way **you** want.



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Best in the Industry



8th Generation Intel® Core™ i7-8705G

3.1 GHz - 4.1 GHz Turbo, Quad Core, 8MB Cache
65W Radeon™ RX Vega M GL graphics, 931 MHz - 1011 MHz

8th Generation Intel® Core™ i7-8809

3.1 GHz - 4.2 GHz Turbo, Quad Core, 8MB Cache
100W Radeon™ RX Vega M GH graphics, 1036 MHz - 1190 MHz, Unlocked and VR-Capable

FEATURES:

- 2x Thunderbolt 3 (40Gbps) via Rear USB-C Ports
- SDXC Card Slot
- Front USB-A and USB-C Ports w/ USB 3.1 Gen 2

MEMORY & STORAGE:

- Max Memory Size (dependent on memory type) 32 GB
- Memory Types DDR4-2400+ 1.2V SO-DIMM
- Max # of Memory Channels 2
- Max Memory Bandwidth 38.4 GB/s
- Max # of DIMMs 2

PROCESSOR GRAPHICS:

- Integrated Graphics Yes
- Graphics Output 2x Mini-DP 1.2
2x Thunderbolt 3, F+R HDMI 2.0a
- # of Displays Supported 6
- Discrete Graphics Radeon™ RX Vega M GL Graphics

EXPANSION OPTIONS:

- PCI Express Revision Gen3
- PCI Express Configurations Dual M.2 slots w/ PCIe x4 lanes
- Removable Memory Card Slot SDXC w/ UHS-I Support
- M.2 Card Slot (Wireless) 2230
- M.2 Card Slot (Storage) 22x42/80, 22x80

I/O SPECIFICATIONS:

- # of USB Ports 13
- USB Configuration F: USB3, 2x USB 3.1g2 (Type A & C);
R: 4x USB3, 2x Thunderbolt3 (USB3.1g2);
INT: 2x USB2, 2x USB3
- USB Revision 2.0, 3.0, 3.1 Gen2
- USB 2.0 Configuration (Ext + Int) 0 + 2
- USB 3.0 Configuration (Ext + Int) 1F, 4R, 2i
- Total # of SATA Ports 2
- Max # of SATA 6.0 Gb/s Ports 2
- RAID Configuration 2x M.2 SATA/PCIe SSD (RAID-0 RAID-1)
- Audio (Back Channel + Front Channel) 7.1 Digital;
L+R+mic(F); L+R+TOSLINK (R)
- Integrated LAN 2x 10/100/1000
- Integrated Bluetooth Yes
- Integrated Wireless Intel® Wireless-AC 8265
+ Bluetooth 4.2
- Consumer Infrared Rx Sensor Yes
- S/PDIF Out Connector TOSLINK
- Additional Headers CEC, 2x USB2.0, 2x USB 3.0,
FRONT_PANEL
- # of Thunderbolt™ 3 Ports 2

ADVANCED TECHNOLOGIES:

- Intel® Virtualization Technology for Directed I/O (VT-d)
- Intel® HD Audio Technology
- Intel® Rapid Storage Technology
- Intel® Virtualization Technology (VT-x)
- Intel® Platform Trust Technology (Intel® PTT)

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