

Nfina 100 Series PC



FEATURES:

- Windows® or Linux® OS, others available
- Ultra-small footprint
- Multiple choices of processor
- 1 x internal 2.5" SATA3 SDD
- 1 x internal NVMe/SSD¹
- Up to 32GB DDR4-2666 SO-DIMM
- Up to 1.5TB Intel® Optane™ memory¹
- 1 x SDXC UHS slot
- 10/100/1000Mbps Ethernet
- Thunderbolt™ 3 with 40Gbps transfer rate¹
- 4 x USB 3.0 or 3.1 ports (2 front, 2 back)
- HDMI® 2.0a w/4K @ 60Hz display support
- Intel® wireless support
- Bluetooth® 5.0
- Standard VESA® mount included

The Nfina 100 series PC. Small in size, big in capability - by any measure.

The Nfina Technologies 100 Series PCs is a family of fully functioning, energy-efficient computers in an extremely compact form factor. This scalable computing platform can be configured with a choice of three different 10th generation Intel® Core™ processors, or an Intel® Celeron® processor. The Nfina 100 Series also supports standard VESA mounting enabling it to easily be mounted on the back of a standard monitor.

The Nfina 100 Series can be used for a variety of applications, including Productivity, Digital Signage, Thin Client, Home Entertainment, Home Storage, Surveillance, Gaming, and other commercial uses.

Our products and components are manufactured to the highest quality standards in the industry for use in the most demanding 24/7 data center applications.

Nfina products deliver exceptional functionality by creating products that are easily customized to fit specific applications. Designed and built for virtualized computing environments, our products provide high-density, maximum yield solutions for our customers. Multiple options for high performance computing, including I/O, RAID, storage, and memory options make our products a custom fit for many applications.

All Nfina Technologies' servers are backed by a five-year limited warranty and include 24x7 tech support with remote diagnostics. Next day and four hour onsite response options are available.

SERVERS

DATA STORAGE

PCs & WORKSTATIONS



NFINA 100 Series PC

	100c3	100i3	100i5	100i7
Dimensions	2.01" x 4.55" x 4.57" 51mm x 115mm x 111mm	2.0" x 4.6" x 4.4" 51mm x 117mm x 112mm	2.0" x 4.6" x 4.4" 51mm x 117mm x 112mm	2.0" x 4.6" x 4.4" 51mm x 117mm x 112mm
Processor	Intel® Celeron® J4005, 1.5GHz - 2.7GHz, Dual Core, 4MB Cache, 10W TDP	Intel® Core™ i3 -10110U, 2.1GHz - 4.1GHz, 2 Cores, 4MB Cache, 25W TDP	Intel® Core™ i5 -10210U, 1.6GHz - 4.2GHz, 4 Cores, 6MB Cache, 25W TDP	Intel® Core™ i7 -10710U, 1.1GHz - 4.7GHz, 6 Cores, 12MB Cache, 25W TDP
Memory	8GB max 2 x DDR4 SO-DIMM sockets, 2400MHz, 1.2V	32GB max 2 x DDR4 SO-DIMM sockets, 2666MHz, 1.2V Intel® Optane™ memory ready (up to 1.5TB via M.2 slot)	32GB max 2 x DDR4 SO-DIMM sockets, 2666MHz, 1.2V Intel® Optane™ memory ready (up to 1.5TB via M.2 slot)	32GB max 2 x DDR4 SO-DIMM sockets, 2666MHz, 1.2V Intel® Optane™ memory ready (up to 1.5TB via M.2 slot)
Internal Drives	1 Supported	2 Supported	2 Supported	2 Supported
Storage	1 x 2.5" SATA3 SDD up to 9.5mm thickness 1 x SDXC slot w/ UHS-I support	1 x 2.5" SATA3 SSD up to 7mm thickness 1 x M.2 NVMe/SSD (2242/2280), PCIe or SATA 1 x Full size SDXC w/ UHS-II	1 x 2.5" SATA3 SSD up to 7mm thickness 1 x M.2 NVMe/SSD (2242/2280), PCIe or SATA 1 x Full size SDXC w/ UHS-II	1 x 2.5" SATA3 SSD up to 7mm thickness 1 x M.2 NVMe/SSD (2242/2280), PCIe or SATA 1 x Full size SDXC w/ UHS-II
USB Ports	4 x USB 3.0 (2 front, 2 back)	3 x USB 3.1 (1 front, 2 back) 1 x USB 3.1 Type C (front)	3 x USB 3.1 (1 front, 2 back) 1 x USB 3.1 Type C (front)	3 x USB 3.1 (1 front, 2 back) 1 x USB 3.1 Type C (front)
Ethernet	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
Thunderbolt	Not supported	1 x 40Gbps Thunderbolt™ 3 USB 3.1 Type C port (back)	1 x 40Gbps Thunderbolt™ 3 USB 3.1 Type C port (back)	1 x 40Gbps Thunderbolt™ 3 USB 3.1 Type C port (back)
Bluetooth®	Bluetooth® 5.0	Dual Mode Bluetooth® 5.0	Dual Mode Bluetooth® 5.0	Dual Mode Bluetooth® 5.0
Wireless Support	Intel® Wireless-AC 9462 (802.11ac), 1x1, up to 433Mbps	Intel® Wi-Fi 6 AX201 (802.11a - 802.11k compliant), 2x2, up to 2.4Gbps	Intel® Wi-Fi 6 AX201 (802.11a - 802.11k compliant), 2x2, up to 2.4Gbps	Intel® Wi-Fi 6 AX201 (802.11a - 802.11k compliant), 2x2, up to 2.4Gbps
Graphics	Intel® HD Graphics 600	Intel® UHD Integrated Graphics	Intel® UHD Integrated Graphics	Intel® UHD Integrated Graphics
Video Output	2 x HDMI® 2.0a, 4K at 60hz	1 x HDMI® 2.0b, 4K at 60hz	1 x HDMI® 2.0a, 4K at 60hz	1 x HDMI® 2.0a, 4K at 60hz
# Displays	2 Supported	2 Supported	2 Supported	2 Supported
Audio	Up to 7.1 Surround audio via HDMI® 1 x 3.5mm front headset jack 1 x 3.5mm rear speaker/ TOSLINK audio jack	Up to 7.1 Surround audio via HDMI® or Thunderbolt™ 3 1 x 3.5mm headphone/mic jack on front Quad-array microphone on front panel	Up to 7.1 Surround audio via HDMI® or Thunderbolt™ 3 1 x 3.5mm headphone/mic jack on front Quad-array microphone on front panel	Up to 7.1 Surround audio via HDMI® or Thunderbolt™ 3 1 x 3.5mm headphone/mic jack on front Quad-array microphone on front panel
RAID	No	0,1 ²	0,1 ²	0,1 ²
Power Supply	19V, 65W AC-DC	19V, 90W AC	19V, 90W AC	19V, 90W AC
Warranty	5 years	5 years	5 years	5 years

¹ Model dependent - M.2, Intel Optane memory, and Thunderbolt 3 not available on 100c3 model. ² For RAID both drives must have SATA connectors

© 2020 Nfina Technologies, Inc. All rights reserved. Intel®, XEON®, and Intel® Optane™ are registered trademarks of Intel Corporation. Other trademarks and trade names that may be used in this document are owned by their respective companies.

Nfina believes the information in this document is accurate as of its publication date. The information is subject to change without notice. The contents of this document are provided as-is, without any express or implied warranties of any kind.

Rev. 090920

Address: 820 S. University Blvd. Suite 4E, Mobile, AL 36609

Telephone: 251.243.0043

Email: nfina_sales@nfinausa.com

Website: www.nfinausa.com