

Nfina 100 Series PC



FEATURES:

- Windows® or Linux® OS, others available
- Ultra-small footprint
- Multiple choices of processor
- 1 x internal 2.5" SATA HDD/SDD
- 1 x internal M.2 SATA or PCIe® SSD¹
- Up to 32GB DDR4-2400 SO-DIMM
- Up to 32GB Intel® Optane™ memory¹
- 1 x SDXC or Micro SDXC card 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
- 802.11ac 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 eighth 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	2.01" x 4.6" x 4.4" 51mm x 117mm x 112mm	2.01" x 4.6" x 4.4" 51mm x 117mm x 112mm	2.01" 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 -8109U, 3.0GHz - 3.6GHz, Dual Core, 4MB Cache, 28W TDP	Intel® Core™ i5 -8259U, 2.3GHz - 3.8GHz, Quad Core, 6MB Cache, 28W TDP	Intel® Core™ i7 -8559U, 2.7GHz - 4.5GHz, Quad Core, 8MB Cache, 28W TDP
Memory	8GB max 2 x DDR4 SO-DIMM sockets, 2400MHz, 1.2V	32GB max 2 x DDR4 SO-DIMM sockets, 2400MHz, 1.2V Intel® Optane™ memory ready (up to 32GB via M.2 slot)	32GB max 2 x DDR4 SO-DIMM sockets, 2400MHz, 1.2V Intel® Optane™ memory ready (up to 32GB via M.2 slot)	32GB max 2 x DDR4 SO-DIMM sockets, 2400MHz, 1.2V Intel® Optane™ memory ready (up to 32GB via M.2 slot)
Internal Drives	1 Supported	2 Supported	2 Supported	2 Supported
Storage	1 x 2.5" SATA3 HDD or SSD up to 9.5mm thickness 1 x SDXC slot w/ UHS-I support	1 x 2.5" SATA3 HDD or SSD up to 9.5mm thickness 1 x M.2 SATA or PCIe® SSD M.2 2242 and M.2 2280 key type M and B+M 1 x Micro SDXC w/ UHS-I	1 x 2.5" SATA3 HDD or SSD up to 9.5mm thickness 1 x M.2 SATA or PCIe® SSD M.2 2242 and M.2 2280 key type M and B+M 1 x Micro SDXC w/ UHS-I	1 x 2.5" SATA3 HDD or SSD up to 9.5mm thickness 1 x M.2 SATA or PCIe® SSD M.2 2242 and M.2 2280 key type M and B+M 1 x Micro SDXC w/ UHS-I
USB Ports	4 x USB 3.0 (2 front, 2 back)	4 x USB 3.1 (2 front, 2 back)	4 x USB 3.1 (2 front, 2 back)	4 x USB 3.1 (2 front, 2 back)
Ethernet	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
Thunderbolt	Not supported	1 x 40Gbps Thunderbolt™ 3 USB Type-C port providing DisplayPort™ 1.2 or USB 3.1 gen 2	1 x 40Gbps Thunderbolt™ 3 USB Type-C port providing DisplayPort™ 1.2 or USB 3.1 gen 2	1 x 40Gbps Thunderbolt™ 3 USB Type-C port providing DisplayPort™ 1.2 or USB 3.1 gen 2
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® Dual Band Wireless- AC 9560 (802.11ac), 2x2, up to 1.73Gbps	Intel® Dual Band Wireless- AC 9560 (802.11ac), 2x2, up to 1.73Gbps	Intel® Dual Band Wireless- AC 9560 (802.11ac), 2x2, up to 1.73Gbps
Graphics	Intel® HD Graphics 600	Intel® Iris™ Plus Graphics 655	Intel® Iris™ Plus Graphics 655	Intel® Iris™ Plus Graphics 655
Video Output	2 x HDMI® 2.0a, 4K at 60hz	1 x HDMI® 2.0a, 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® 1 x 3.5mm headphone/mic jack on front Dual-array microphones on front panel	Up to 7.1 Surround audio via HDMI® 1 x 3.5mm headphone/mic jack on front Dual-array microphones on front panel	Up to 7.1 Surround audio via HDMI® 1 x 3.5mm headphone/mic jack on front Dual-array microphones on front panel
RAID	No	0,1 ²	0,1 ²	0,1 ²
Power Supply	19V, 65W AC-DC	19V, 90W AC-DC	19V, 90W AC-DC	19V, 90W AC-DC
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

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