



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

## Features:

- Windows® or Linux® OS, others available
- Ultra small footprint
- Multiple choices of processor
- Intel® Optane™ memory supported<sup>1</sup>
- HDMI® 2.0 w/4K display support
- 8 channel digital audio
- 7.1 Surround Sound
- 10/100/1000Mbps Ethernet
- 802.11ac dual band wireless support
- Bluetooth® 4.2
- 4 x USB 3.0 ports (2 front, 2 back)
- 1 x internal 2.5" SATA HDD/SDD
- 1 x internal M.2 SATA or PCIe® SSD<sup>1</sup>
- 1 x SD or Micro SD card slot
- Standard VESA® mount included

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

Nfina's computing solutions are ideal for any data center or enterprise that requires efficient, high speed, and highly reliable performance for big data applications. Data centers serving enterprise, military, and municipal governments will benefit from Nfina's outstanding value.

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

All Nfina 100 Series PCs are backed by a three-year limited warranty and include 24x7 tech support with remote diagnostics. Next day and four hour on-site response options are available.

	100c3	100i3	100i5	100i7
Dimensions	4.53" x 4.37" x 2.01" 115mm x 111mm x 51mm	4.53" x 4.37" x 2.01" 115mm x 111mm x 51mm	4.53" x 4.37" x 2.01" 115mm x 111mm x 51mm	4.53" x 4.37" x 2.01" 115mm x 111mm x 51mm
Processor	Intel® Celeron® J3455 Quad core (1.5-2.3 GHz)	Intel® Core™ i3 -7100U (3MB Cache, 2.40 GHz)	Intel® Core™ i5 7260U (4MB Cache, up to 3.4 GHz)	Intel® Core™ i7-7567U (4MB Cache, up to 4 GHz)
USB Ports	4 x USB 3.0 (2 front, 2 back)	4 x USB 3.0 (2 front, 2 back)	4 x USB 3.0 (2 front, 2 back)	4 x USB 3.0 (2 front, 2 back)
Ethernet	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
Bluetooth	Dual Mode Bluetooth® 4.2	Dual Mode Bluetooth® 4.2	Dual Mode Bluetooth® 4.2	Dual Mode Bluetooth® 4.2
Wireless support	Intel® Dual Band Wireless-AC 3168 (802.11ac), 1x1, up to 433Mbps	Intel® Wireless-AC 8265 (802.11ac), 2x2, up to 867Mbps	Intel® Wireless-AC 8265 (802.11ac), 2x2, up to 867Mbps	Intel® Wireless-AC 8265 (802.11ac), 2x2, up to 867Mbps
Max Memory	8GB DDR3L-1600/1866 (two sockets) 1.35V SO-DIMM	32GB DDR4-2133 (two sockets) 1.2V SO-DIMM Intel® Optane™ memory ready	32GB DDR4-2133 (two sockets) 1.2V SO-DIMM Intel® Optane™ memory ready	32GB DDR4-2133 (two sockets) 1.2V SO-DIMM Intel® Optane™ memory ready
Max # Internal drives	1	2	2	2
Storage	1x 2.5" SATA HDD/SDD up to 9.5mm thickness  1 x SDXC	1 x 2.5" SATA HDD/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	1 x 2.5" SATA HDD/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	1 x 2.5" SATA HDD/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
Graphics/Video	Intel® HD Graphics 500  VGA  HDMI® 2.0, 4K at 60hz	Intel® HD Graphics 620  HDMI® 2.0, 4K at 60 HZ  USB Type-C port with DisplayPort™ 1.2	Intel® Iris™ Plus Graphics 640  HDMI® 2.0, 4K at 60 HZ  Thunderbolt™ 3 port with support for either USB 3.1 Gen 2, DisplayPort™ 1.2, or 40 Gb/s Thunderbolt	Intel® Iris™ Plus Graphics 650  HDMI® 2.0, 4K at 60 HZ  Thunderbolt™ 3 port with support for either USB 3.1 Gen 2, DisplayPort™ 1.2, or 40 Gb/s Thunderbolt
# Displays Supported	2	3	3	3
Audio	Up to 7.1 Surround Sound (HDMI)  Headphone/mic/Dual-array microphones on front panel  Combo speaker/TOSLINK optical jack on back panel	Up to 7.1 Surround audio via HDMI  Headphone/mic jack on front  Dual-array microphones on front panel	Up to 7.1 Surround audio via HDMI  Headphone/mic jack on front  Dual-array microphones on front panel	Up to 7.1 Surround audio via HDMI  Headphone/mic jack on front  Dual-array microphones on front panel
RAID	No	0,1 <sup>2</sup>	0,1 <sup>2</sup>	0,1 <sup>2</sup>

Notes: <sup>1</sup> Model dependent - M.2 and Intel Optane memory not available on 100c3 model.

<sup>2</sup> For RAID both drives must have SATA connectors.

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