

## FANLESS HD<sup>N</sup> MEDIA PLAYER

Solid State Design with Internal Power

Experience the reliability and performance of the popular Seneca<sup>®</sup> HD<sup>N</sup>, now in a solid state, fanless design. Featuring the 5th generation Intel<sup>®</sup> Core™ i5 processor and the 5th generation Intel<sup>®</sup> Core™ i3 processor with Intel HD graphics 5500, the Fanless HD<sup>N</sup> supports 4K content and up to three independent displays. Seneca's Fanless HD<sup>N</sup> transforms the Intel NUC into an industrial grade, long-life media player with additional features for digital signage installations.

Seneca's Fanless HD<sup>N</sup> is the only fanless Intel NUC design with standard internal power and a serial port. Engineered in a 100% solid state design with no moving parts, the Fanless HD<sup>N</sup> protects against dust, dirt, and other particles without compromising performance. The Fanless HD<sup>N</sup> is the ideal solution for digital menu boards, intelligent kiosks, outdoor digital signage, or any application requiring performance in harsh environments.

### KEY FEATURES

- Only fanless Intel NUC design with standard internal power
- Tool-less VESA mounting for easy installation in any installation environment
- Certified to operate up to 35°C ambient temperature at full system utilization without throttling performance
- Certified with leading Content Management Software (CMS) platforms
- Configured with a single serial port with option for dual configurations
- Locking mechanism ensures Mini DisplayPort cables are secured to the system
- Enhanced WiFi with dual antennas
- Intel Collage support allows the combining of multiple displays into a single logical display for custom resolutions in both portrait and landscape modes



Specifications are subject to change, contact your account representative for current configuration.

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# SENECA FANLESS HD<sup>N</sup>

P/N: FANLESS-HDN

## SYSTEM

<b>Processor</b>	5th generation Intel® Core™ i5-5300U Processor 2.1GHz 5th generation Intel® Core™ i3-5010U Processor 1.7GHz
<b>Operating System</b>	Windows 8.1 32- or 64-bit Windows 7 32- or 64-bit Windows Embedded
<b>Manufacturer</b>	Seneca®
<b>Graphics</b>	Intel® HD Graphics 5500
<b>Monitors Supported</b>	3 (with MST hub)
<b>Single Monitor Media Playback</b>	4K <sup>60fps</sup>
<b>Multiple Monitor Media Playback</b>	1080p <sup>60fps</sup>
<b>Orientation</b>	Landscape and Portrait Capable
<b>Video Output</b>	2 × Mini DisplayPort v1.2 • Dual 4K capable • Triple-display capable with daisy-chaining or MST hub (1080p <sup>60fps</sup> on 3 displays) • Intel Collage support
<b>Audio</b>	3.5mm 2 channel / 7.1 supported over DisplayPort
<b>Storage</b>	Up to 1TB M.2 SSD and/or 2.5" SSD RAID configurations across M.2 SATA SSD (not PCIe SSD) and 2.5" SATA SSD
<b>Memory</b>	Up to 16GB DDR3 1600MHz
<b>Connectivity</b>	1 × Gigabit Ethernet <b>Optional:</b> Intel® WiFi Wireless 802.11AGN
<b>Front I/O Ports</b>	2 × USB 3.0 1 × 3.5mm Audio Jack Power button with power and disk activity LED <b>Optional:</b> 1 × Serial RS-232 port
<b>Rear I/O Ports</b>	2 × Mini DisplayPort v1.2 1 × 1GbE NIC 2 × USB 3.0 ports <b>Optional:</b> 1 × Serial RS-232 port
<b>Warranty</b>	3 Year Depot Warranty

## MECHANICALS

<b>Thermals</b>	35°C (95°F) at full system utilization
<b>Power Supply</b>	Internal 52W
<b>Power Draw</b>	6W Idle / 33W Load
<b>Bays</b>	1 × Internal 2.5" SSD
<b>Cooling</b>	Aluminum Extrusion Chassis Heatsink
<b>Mounting</b>	VESA/WALL 75mm and 100mm
<b>Dimensions (w x h x d)</b>	8.44 × 1.7 × 4.25 inches / 214 × 43 × 108 millimeters (1.95" tall with the tool-less VESA bracket)
<b>Weight</b>	3 lbs / 1.4 kg



Image shown with Serial Port option



Image shown with Serial Port option



Tool-less Mounting



**ARROW**  
Five Years Out

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