Intel® NUC

Target your message for maximum reach.

Intel® Core™ i5 Processor Triple Display Digital Signage Solution Brief

USAGE **DIGITAL SIGNAGE**

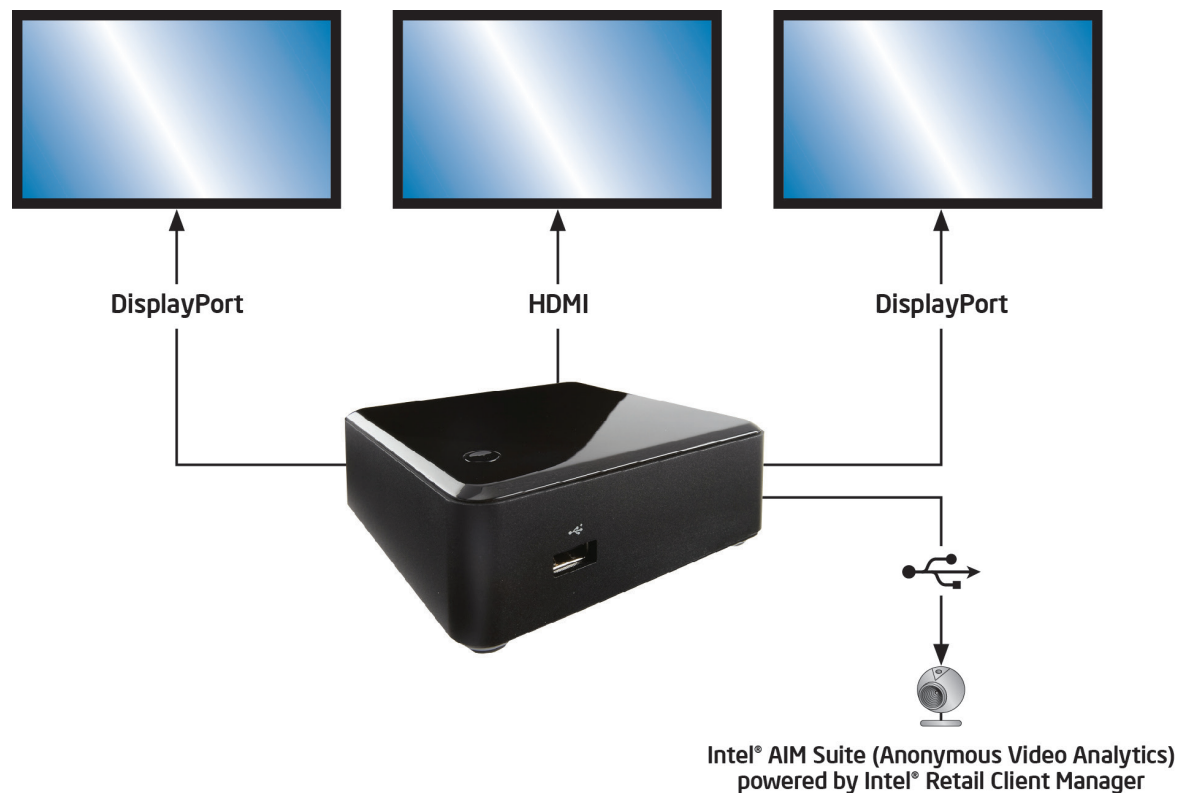**SMALL** FORM FACTOR : TRIPLE DISPLAY[1]

REMOTE MANAGEABILITY

VIDEO ANALYTICS

Digital signage has quickly become an effective marketing tool for organizations to advertise, convey information, and communicate messages that can be instantly updated and absorbed by customers. From large international airports to the coffee shop down the street, digital signage is used by all types of industries large and small to display information in an effective and efficient manner. The ability to change displays immediately, coupled with targeted content, and strategic placements have made digital signage a very valuable tool.

The Intel® NUC - DC53427HYE, based on the powerful yet energy efficient Intel® Core™ i5 processor with Intel® vPro™ technology, allows digital signage installations to display remotely managed content over three displays using HDMI* and mini DisplayPort*. Three independent campaigns can be constructed, deployed, and managed using one Intel NUC. To complete the signage solution, Intel® Retail Client Manager (Intel® RCM) software is a single platform software solution that centrally manages, controls, and distributes content to interactive screens and kiosks. Intel RCM allows publishing of content which can be common, or unique, among any number of display devices. And to enhance signage solutions, incorporating anonymous video analytics such as the Intel® Audience Impression Metrics (Intel® AIM) Suite will enable content distributors to create intelligent content that can be geared toward specific demographics in real time. Intel NUC with an Intel Core i5 processor running Intel RCM and Intel AIM is the ideal engine to drive rich content on interactive digital signage with remote management capability for a robust power- and space-saving solution.

[1] Requires two mini DisplayPort* capable displays.   B008C

Triple Display Digital Signage Installation

DisplayPort   HDMI   DisplayPort

Intel® AIM Suite (Anonymous Video Analytics) powered by Intel® Retail Client Manager

Technologies

This section offers a guideline for the hardware and software needed to design Intel NUC into a small form factor digital signage solution.

Included in Intel NUC Kit:

- Intel NUC – DC53427HYE
- VESA Bracket
- Power Adapter

Hardware Needed

Quantity	Item	Manufacturer	Model
1	Intel® NUC DC53427HYE	Intel®	Intel® Next Unit of Computing Kit DC53427HYE
2	Memory	Any	4 GB DDR3 1600 Mhz SO-DIMM
1	Storage	Intel	Intel® Solid-State Drive 525 Series 60 GB mSATA
1	Intel® Centrino® Wireless	Intel	Intel Centrino 6235 IEEE 802.11n Mini PCI Express* Bluetooth* 4.0 - Wi-Fi/Bluetooth Combo Adapter
1	USB Webcam	Various	Various
1	HDMI Display	Any	Any
1	HDMI Cable	Any	Any
2	DisplayPort Displays	Any	Any
2	Mini DisplayPort to DisplayPort cables	Any	Any
1	AC Power Cord	Any	Any

Software Needed

Item	Manufacturer	Model
Intel® Retail Client Manager	Intel	http://www.intel.com/content/www/us/en/retail/rcm.html
Intel® Audience Impression Metrics (Intel® AIM) Suite	Intel	https://aimsuite.intel.com/
Windows* 8.1	Microsoft	http://windows.microsoft.com

Note: For more information on the software listed in this table, contact the manufacturer of the software directly.

For installation of Intel Retail Client Manager and the configuration of your first digital signage campaign please review the Quick Start Guide at:

http://www.intel.com/content/www/us/en/retail/quick-start-guide.html

For information on how to install and use Intel AIM go to:

http://www.intel.com/content/dam/www/public/us/en/documents/guides/audience-impression-metric-suite-user-guide.pdf