

Embedded Computer Features the AMD Fusion APU



Logic Supply, a leading provider of specialized systems for industrial and embedded applications, introduces the NC108-1HD AMD Fusion System. The NC108 is designed around a Nano-ITX motherboard featuring the 1.6 GHz AMD T56N embedded G-series Fusion APU. Pairing energy-efficiency with graphics performance, the Fusion APU provides this system with HD acceleration and DirectX 11 support in a tightly integrated, compact platform. Lightweight and discreet with an industrial look and feel, the NC108-1HD is perfect as a commercial media player.

With the T56N APU, the NC108-1HD provides processing power on par with Intel's D525 dual core Atom CPU, while delivering discrete-class graphics performance. Combined with a small footprint, solid state storage, and multiple high-speed wireless networking options, it is ideal for digital signage and kiosks with centralized content storage.

The standard configuration includes four USB 2.0 ports, HDMI, and Gigabit Ethernet, and audio in/out. In addition, there are two DB9 punchouts; customers can opt for VGA or RS-232 ports without any customization. Project customers can opt for dual HDMI and dual VGA outputs as well.

Assembly is quick and easy. A single screw secures the top to the base, which simply slides off to provide access to the memory slot for up to 4 GB SO-DIMM RAM, slim SATA storage device, and PCIe Mini Card slot. At just 0.7 liters, the system can be mounted just about anywhere using the optional VESA/DIN-rail combo mount plate.

JP Ishaq, Product Manager at Logic Supply, notes the distinguishing qualities of the NC108-1HD: "The combination of performance, size, and flexibility is really the key

Embedded Computer Features the AMD Fusion APU

Published on Electronic Component News (<http://www.ecnmag.com>)

to this system. To have customizable I/O and graphics performance comparable to a discrete GPU in a package this small is quite unique.”

The NC108-1HD is now available from Logic Supply: www.logicsupply.com/nc108 [1]

Visit the Logic Supply Web site at www.logicsupply.com [2] or for European customers, please visit www.logicsupply.eu [3].

Source URL (retrieved on 01/27/2015 - 4:33pm):

<http://www.ecnmag.com/products/2011/11/embedded-computer-features-amd-fusion-apu>

Links:

[1] <http://www.logicsupply.com/nc108>

[2] <http://www.logicsupply.com>

[3] <http://www.logicsupply.eu>