



## Intel® NUC Board DE3815TYBE

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Specifications	
<b>Essentials</b>	
Status	Launched
Launch Date	Q2'14
Board Form Factor	UCFF (mini PC)
Internal Drive Form Factor	2.5" Drive
# of Internal Drives Supported	1
Embedded Options Available	Yes
TDP	5 W
DC Input Voltage Supported	12V~24V
Recommended Customer Price	
Datasheet	<a href="#">Link</a>
Description	Atom/Fanless/TPM/4GB-eMMC/HDMI/VGA Hdr/eDP/LAN/Serial Hdr
Processor Included	Intel® Atom™ Processor E3815 (512K Cache, 1.46 GHz)
Product Brief	<a href="#">Link</a>
Additional Information URL	<a href="#">Link</a>
Warranty Period	3 yrs
<b>Memory Specifications</b>	
Max Memory Size (dependent on memory type)	8 GB
Memory Types	DDR3L
Max # of Memory Channels	1
Max # of DIMMs	1
ECC Memory Supported †	No
<b>Graphics Specifications</b>	
Integrated Graphics †	Yes
Graphics Output	HDMI, VGA Header, eDP
# of Displays Supported †	2
<b>Expansion Options</b>	
PCIe Mini Card Slot (Half Length)	1
<b>I/O Specifications</b>	
USB Revision	USE B2
# of USB Ports	
USB 2.0 Configuration (Back + Internal)	2
USB 3.0 Configuration (Back + Internal)	1 (Front)
Total # of SATA Ports	1
# of Serial Ports	2
Serial Port via Internal Header	Yes
Audio (back channel + front channel)	Back panel headphone/microphone jack
Integrated LAN	10/100/1000Mbps
<b>Package Specifications</b>	
Low Halogen Options Available	See MDDS
<b>Advanced Technologies</b>	
TPM	Yes
TPM Version	1.2
Intel® HD Audio Technology	Yes
Intel® Virtualization Technology (VT-x) †	Yes
<b>Intel® Data Protection Technology</b>	
AES New Instructions	Yes

- Related Products**
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**PCN/MDDS Information**

933136: PCN

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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact


OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

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