

Intel® 82801ER I/O Controller

Specifications

 Essentials

Status	Launched
<u>Embedded Options Available</u>	No
<u>Max TDP</u>	2.4 W
<u>Recommended Customer Price</u>	N/A
Datasheet	Link

 Expansion Options

<u>PCI Support</u>	6 (32/33)
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 I/O Specifications

<u>USB Revision</u>	USB 2.0
<u># of USB Ports</u>	8
<u>Total # of SATA Ports</u>	2
<u>Integrated LAN</u>	10/100
<u>Integrated IDE</u>	2 Channels

 Package Specifications

<u>T_{CASE}</u>	110°C
Package Size	31mm x 31mm
Low Halogen Options Available	See MDDS

 Advanced Technologies

<u>Intel® ME Firmware Version</u>	No
<u>Intel® Quick Resume Technology</u>	No
<u>Intel® Quiet System Technology</u>	No
<u>Intel® HD Audio Technology</u>	No
<u>Intel® AC97 Technology</u>	<input type="checkbox"/> Yes
<u>Intel® Matrix Storage Technology</u>	No

Ordering and Spec Information

Retired and Discontinued

Spec Code	Ordering Code	Step	ECCN	CCATS	US HTS	RCP
Intel® 82801ER I/O Controller Hub (ICH5R)						
SL6ZD	FW82801ER	AB				N/A
Intel® 82801ER I/O Controller Hub (ICH5R) Pb-Free SLI						

SL8WB	NH82801ER	A3	4A994	NA	8542310000-CHPST	N/A
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"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

‡ 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.

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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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