Intel® 82801ER I/O Controller

Specifications

⊖ Essentials

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

⊖ Expansion Options

PCI Support	6 (32/33)

⊖ I/O Specifications

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

⊖ Package Specifications

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

⊖ Advanced Technologies

Intel® ME Firmware Version	No
Intel® Quick Resume Technology	No
Intel® Quiet System Technology	No
Intel® HD Audio Technology	No
Intel® AC97 Technology	Yes
Intel® Matrix Storage Technology	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.

Send us your feedback!