



Intel® Ethernet Controller I225-IT



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Specifications

Essentials

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Ordering and Compliance

Technical Documentation

Essentials

Export specifications

Product Collection	Gigabit Ethernet Controllers (up to 2.5GbE)
Code Name	Products formerly Foxville
Status	Launched
Launch Date	Q4'20
Lithography	28 nm
TDP	2 W
Supported Operating Systems	Windows 10, Linux, Free BSD
Operating Temperature Range	-40°C to 70°C
Operating Temperature (Maximum)	70 °C
Operating Temperature (Minimum)	-40 °C
Use Conditions	Industrial Commercial Temp, Industrial Extended Temp, Communications Commercial Temp, Embedded Broad Market Commercial Temp, Embedded Broad Market Extended Temp, Server/Enterprise, Workstation
Recommended Customer Price	

Supplemental Information

Embedded Options Available	Yes
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Networking Specifications

Port Configuration	Single
Data Rate Per Port	2.5G
System Interface Type	PCIe v3.1

NC Sideband Interface	No
Jumbo Frames Supported	Yes
Speed & Slot Width	5G, x1
Interfaces Supported	NBASE-T

Package Specifications

Package Size	7mm x 7mm
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Intel® Virtualization Technology for Connectivity

On-chip QoS and Traffic Management	Yes
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Advanced Technologies

IEEE 1588 	Yes
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More support options for Intel® Ethernet Controller I225-IT



Product Support



Downloads and Software



Support Community



Warranty and Replacement



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

‡ 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.

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

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



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