



# Intel® Ethernet Connection C827-IM1



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## Specifications

### Essentials

[Supplemental Information](#)
[Networking Specifications](#)
[Package Specifications](#)

## Ordering and Compliance

## Drivers and Software

## Technical Documentation

### Essentials

[Export specifications](#)

Product Collection	<a href="#">Ethernet Connections (up to 100GbE)</a>
Code Name	<a href="#">Products formerly Parkvale</a>
Status	Launched
Launch Date	Q4'17
Expected Discontinuance	1H'29
TDP	2.6 W
Operating Temperature Range	-40°C to 105°C
Operating Temperature (Maximum)	105 °C
Operating Temperature (Minimum)	-40 °C
Recommended Customer Price	

### Supplemental Information

Embedded Options Available	No
Datasheet	<a href="#">View now</a>
Description	The Intel C827-IM device is a fully integrated single chip Ethernet transceiver that supports 25 GbE full-duplex transmission, over a variety of media including optics, passive copper cables and backplanes.
Product Brief	<a href="#">View now</a>

### Networking Specifications

Port Configuration	Quad
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Data Rate Per Port

25GbE

Interfaces Supported

SFI, KR, KR4, XAUI, KX, SGMII, XLAUI, KR2, CR2, CR4, CAUI, CPRI

### Package Specifications

Package Size

14mm x 14mm

## More support options for Intel® Ethernet Connection C827-IM1



Product Support



Downloads and Software



Support Community



Warranty and Replacement



### Need more help?

Contact support



Give Feedback

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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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