Support Home > Product Specifications > Network & I/O

(intel)

Search specifications

Intel® Ethernet Controller XXV710-AM1

Add to Compare

Specifications

Essentials

Supplemental Information

Networking Specifications

Package Specifications

Intel® Virtualization Technology for Connectivity

Advanced Technologies

Ordering and Compliance

Downloads and Software

Essentials	Export specifications
Product Collection	Intel® Ethernet Controller XXV710 Series
Code Name	Products formerly Fortville
Status	Launched
Launch Date 👔	Q3'17
Expected Discontinuance 👔	1H'31
Lithography 🕐	28 nm
Recommended Customer Price	
Operating Temperature Range	0°C to 50°C

Supplemental Information

Datasheet	View now
Description	Single Port 25 GbE or 2X25 GbE Ethernet Controller
Product Brief	View now

Networking Specifications

Port Configuration	Single
Data Rate Per Port	1GbE/10GbE/25GbE
System Interface Type	PCIe v3.0 (8.0 GT/s)
NC Sideband Interface	Yes
Jumbo Frames Supported	Yes
Controller	FTXXV710-AM1
Interfaces Supported	SFI, KR, KR4, XAUI, KX, KX4, SGMII

Package Specifications

Package Size	25mm x 25mm, FC-BGA
Low Halogen Options Available	See MDDS

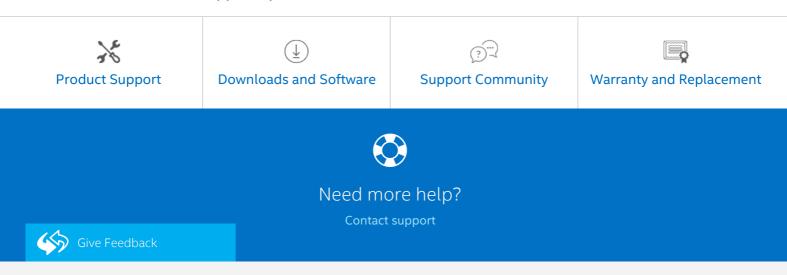
Intel® Virtualization Technology for Connectivity

On-chip QoS and Traffic Management	Yes
Flexible Port Partitioning 🕐	Yes
Virtual Machine Device Queues (VMDq) (?	Yes
PCI-SIG* SR-IOV Capable 🕐	Yes

Advanced Technologies

Fiber Channel over Ethernet 🕐	No
IEEE 1588 👔	Yes
Intel® Ethernet Power Management	Yes
Intel® Data Direct I/O Technology 👔	Yes
Intelligent Offloads	Yes
Storage Over Ethernet	iSCSI, NFS

More support options for Intel® Ethernet Controller XXV710-AM1



All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

Intel classifications are for informational purposes only and consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company as an importer and/or exporter is responsible for determining the correct classification of your transaction.

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.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers, typically represent 1,000-unit purchase quantities, 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. If sold in bulk, price represents individual unit. 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.

