



Intel® Ethernet Controller XXV710-AM1

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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



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.

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

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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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