



Intel® Ethernet Switch FM4212

SPECIFICATIONS

Essentials

Networking Specifications

ORDERING / SSPECS / STEPPINGS

SPECIFICATIONS	
Essentials	
Status	Launched
Launch Date	Q1'08
Embedded Options Available	Yes
Lithography	130 nm
Max TDP	30 W
Recommended Customer Price	
Networking Specifications	
Maximum Port Bandwidth	120 G
Maximum SGMII Ports	12
Maximum XAUI Ports	12
Cut-Through Latency	300 ns
Frame Processing Rate	180 M pps
Shared Packet Memory Size	2 MB
Traffic Classes	8
MAC Table Size	16 K
ACL Rules	16 K
IPv4/IPv6 Routes	16K/4K
Intel® FlexPipe™ Technology	No
Advanced Load Balancing	Yes
CEE/DCB Features	Yes
Server Virtualization Support	Yes
Advanced Tunneling Features	No
Carrier Ethernet Support	No
CPU Interface	EBI
Applications	Data Center,FSI,HPC

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Intel® Ethernet Switch FM4000 Series

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PCN/MDDS INFORMATION

SLJMX

921070: [PCN](#)

SLJMW

921073: [PCN](#)

