

Ethernet Switches Linecard



Part Number	Description	Technology	Operating System	Max Speed	Connector Type	Ports	Support Required	ECCN
Ethernet SN4000 Series Switches - Ideal Data Center Switches for Cloud, Ethernet Storage Fabrics, and Machine Learning Solutions								
MSN4600-CS2F	NVIDIA MSN4600-CS2F Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4600-CS2R	NVIDIA MSN4600-CS2R Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4600-CS2FC	NVIDIA MSN4600-CS2FC Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	64x 100GbE	Required	5A991
MSN4600-CS2RC	NVIDIA MSN4600-CS2RC Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	64x 100GbE	Required	5A991
MSN4600-CS2FO	NVIDIA MSN4600-CS2FO Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4600-CS2RO	NVIDIA MSN4600-CS2RO Spectrum-3 100GbE 2U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	64x 100GbE	Recommended	5A991
MSN4700-WS2F	NVIDIA MSN4700-WS2F Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Onyx	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
MSN4700-WS2FC	NVIDIA MSN4700-WS2FC Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	400GbE	QSFPDD	32x 400GbE	Required	5A991
MSN4700-WS2FO	NVIDIA MSN4700-WS2FO Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
MSN4700-WS2R	NVIDIA MSN4700-WS2R Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Onyx	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
MSN4700-WS2RC	NVIDIA MSN4700-WS2RC Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	400GbE	QSFPDD	32x 400GbE	Required	5A991
MSN4700-WS2RO	NVIDIA MSN4700-WS2RO Spectrum-3 400GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	400GbE	QSFPDD	32x 400GbE	Recommended	5A991
Ethernet SN3000 Series Switches - Industry Leading Data Center Focused Features, Performance, Scalability and Visibility								
MSN3700-CS2F	NVIDIA MSN3700-CS2F Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	32x 100GbE	Recommended	5A991
MSN3700-CS2R	NVIDIA MSN3700-CS2R Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28	32x 100GbE	Recommended	5A991
MSN3700-VS2F	NVIDIA MSN3700-VS2F Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Onyx	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3700-VS2R	NVIDIA MSN3700-VS2R Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Onyx	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3700-CS2FC	NVIDIA MSN3700-CS2FC Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	32x 100GbE	Required	5A991
MSN3700-CS2RC	NVIDIA MSN3700-CS2RC Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	32x 100GbE	Required	5A991
MSN3700-VS2FC	NVIDIA MSN3700-VS2FC Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	200GbE	QSFP56	32x 200GbE	Required	5A991
MSN3700-VS2RC	NVIDIA MSN3700-VS2RC Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	200GbE	QSFP56	32x 200GbE	Required	5A991
MSN3700-CS2FO	NVIDIA MSN3700-CS2FO Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	32x 100GbE	Recommended	5A991
MSN3700-CS2RO	NVIDIA MSN3700-CS2RO Spectrum-2 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	32x 100GbE	Recommended	5A991

For more information, contact a PNY account manager or email GOPNY@PNY.COM
WWW.PNY.COM/NETWORKING

Part Number	Description	Technology	Operating System	Max Speed	Connector Type	Ports	Support Required	ECCN
Ethernet SN3000 Series Switches - Industry Leading Data Center Focused Features, Performance, Scalability and Visibility								
MSN3700-VS2FO	NVIDIA MSN3700-VS2FO Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3700-VS2RO	NVIDIA MSN3700-VS2RO Spectrum-2 200GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	200GbE	QSFP56	32x 200GbE	Recommended	5A991
MSN3420-CB2F	NVIDIA MSN3420-CB2F Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
MSN3420-CB2R	NVIDIA MSN3420-CB2R Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
MSN3420-CB2FC	NVIDIA MSN3420-CB2FC Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Required	5A991
MSN3420-CB2RC	NVIDIA MSN3420-CB2RC Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Required	5A991
MSN3420-CB2FO	NVIDIA MSN3420-CB2FO Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
MSN3420-CB2RO	NVIDIA MSN3420-CB2RO Spectrum-2 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28 SFP28	48x 25GbE 12x 100GbE	Recommended	5A991
Ethernet SN2000 Series Switches - Ideal for Leaf and Spine Data Center Solutions								
MSN2010-CB2F	NVIDIA MSN2010-CB2F Spectrum 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SPF28	18x 25GbE 4x 100GbE	Recommended	5A991
MSN2010-CB2R	NVIDIA MSN2010-CB2R Spectrum 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Onyx	100GbE	QSFP28 SPF28	18x 25GbE 4x 100GbE	Recommended	5A991
MSN2100-BB2F	NVIDIA MSN2100-BB2F Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Onyx	40GbE	QSFP28	16x 40GbE	Recommended	5A991
MSN2100-BB2R	NVIDIA MSN2100-BB2R Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Onyx	40GbE	QSFP28	16x 40GbE	Recommended	5A991
MSN2010-CB2FC	NVIDIA MSN2010-CB2FC Spectrum 25GbE/100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28 SPF28	18x 25GbE 4x 100GbE	Required	5A991
MSN2100-CB2RC	NVIDIA MSN2100-CB2RC Spectrum 100GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	100GbE	QSFP28	16x 100GbE	Required	5A991
MSN2100-BB2FC	NVIDIA MSN2100-BB2FC Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	40GbE	QSFP28	16x 40GbE	Required	5A991
MSN2100-BB2RC	NVIDIA MSN2100-BB2RC Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	Cumulus Linux	40GbE	QSFP28	16x 40GbE	Required	5A991
MSN2100-CB2FO	NVIDIA MSN2100-CB2FO Spectrum 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	16x 100GbE	Recommended	5A991
MSN2100-CB2RO	NVIDIA MSN2100-CB2RO Spectrum 100GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	100GbE	QSFP28	16x 100GbE	Recommended	5A991

For more information, contact a PNY account manager or email GOPNY@PNY.COM
WWW.PNY.COM/NETWORKING

Part Number	Description	Technology	Operating System	Max Speed	Connector Type	Ports	Support Required	ECCN
Ethernet SN2000 Series Switches - Ideal for Leaf and Spine Data Center Solutions								
MSN2100-BB2FO	NVIDIA MSN2100-BB2FO Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	40GbE	QSFP28	16x 40GbE	Recommended	5A991
MSN2100-BB2RO	NVIDIA MSN2100-BB2RO Spectrum 40GbE 1U Open Ethernet Switch	Ethernet	ONIE/Bare Metal	40GbE	QSFP28	16x 40GbE	Recommended	5A991

Recommended Support by Ethernet Switch SN4000/SN3000/SN2000 Series Part Numbers

1 to 5 Year Silver Support available. See [NVIDIA Networking Service and Support line card](#) for details.

Rack Mount Kits

NVIDIA MTEF-KIT-J	Rack Fixed Mounting Kit for SN3700 SN3700C SN3800 SN4600 SN4600C	-	-	-	-	-	-	-
NVIDIA MTEF-KIT-D	Rack Fixed Mounting Kit for SN2100 SN2010	-	-	-	-	-	-	-
NVIDIA MTEF-KIT-E	Rack Fixed Mounting Kit for SN2100 SN2010	-	-	-	-	-	-	-
NVIDIA MTEF-KIT-B	Rack Installation Kit for MSNxx Series Short Depth	-	-	-	-	-	-	-

For more information, contact a PNY account manager or email GOPNY@PNY.COM
WWW.PNY.COM/NETWORKING