



Stratix® 2100 Unmanaged Industrial Ethernet Switch



Allen-Bradley



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Stratix® 2100 Overview

- Smaller footprint than Stratix® 2000
- Dual power inputs standard across the portfolio
- Power Fault Relay on 16+ port SKUs
- Conformal Coated 5, 8, and 16 port SKUs
- Full gigabit options available
- New push-in style terminals
- SFPs not included
 - New price-aligned SFPs to be released



Feature value explanation

- Improvements in unmanaged capabilities
 - Quality of Service (NEW)
 - Prioritize the traffic important to the application
 - MAC Frame Filtering
 - Blocks a subset of MAC addresses to preserve network performance
 - Energy Efficient Ethernet (EEE)
 - During periods of low data activity, reduces power consumption by 50% or more, while retaining full compatibility with existing equipment.
- Continued supported capabilities
 - Broadcast Storm Protection
 - Protects the network and switches from broadcast storms



SFP Catalogs



Copper Catalogs



Stratix® 2100 Power Over Ethernet

- 5 Copper Ports – 1 Gigabit Ethernet, 4 Gigabit PoE
- 12/24/48V DC Dual Power Input
- Power Over Ethernet Power Budget
 - Up to 57V Output
 - 60W @ < 24 V DC Input
 - 120W @ 24-48V DC Input
- Dimensions 114H x 85D x 26W



PoE Switch Not Shown



Stratix® 2000 to Stratix® 2100 Migration Overview

Stratix® 2000 to Stratix® 2100 Comparison

Stratix® 2000	Stratix® 2100	Total Ports	FE-Ports	GE-Ports	FE-SFP Ports	GE-SFP Ports	PoE-GE Ports	Conformal Coated	Dimensions in mm (HxDxW)
1783-US4T1F	1783-USP1S4T	5	4		1				114 x 70 x 26
1783-US4T1H									
-	1783-USP1SG4TG	5		4		1			114 x 85 x 44
-	1783-USP1TG4TGE	5		1			4		114 x 85 x 44
1783-US5T	1783-USP5T	5	5						114 x 70 x 26
1783-US5TG	1783-USP5TG	5		5					114 x 70 x 26
-	1783-USP5TGK	5		5				Yes	114 x 70 x 26
1783-US7T1F	1783-USP1S7T	8	7		1				114 x 70 x 44
1783-US7T1H									
1783-US6T2F	1783-USP2S6T	8	6		2				114 x 70 x 44
1783-US6T2H									
1783-US8T	1783-USP8T	8	8						114 x 70 x 44
-	1783-USP8TG	8		8					114 x 85 x 44
-	1783-USP8TGK	8		8				Yes	114 x 85 x 44
1783-US6T2TG2F	1783-USP2SG8TG	10		8		2			114 x 85 x 44
1783-US6T2TG2H									
1783-US8TG2GX									
1783-US16T	1783-USP16T	16	16						144 x 95 x 44
-	1783-USP16TG	16		16					144 x 95 x 44
-	1783-USP16TGK	16		16				Yes	144 x 95 x 44
1783-US16T2S	1783-USP2SG16T	18	16			2			144 x 95 x 65

The Stratix® 2100 will have a phased release, through early 2026



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Stratix® 2100 SFP Configuration

Small Form Factor Pluggable Transceiver (SFP)	Description
1783-SFP100FX-ND	100Mb multimode 2km – No digital fiber optic transceiver diagnostics
1783-SFP100LX-ND	100Mb singlemode 10km – No digital fiber optic transceiver diagnostics
1783-SFP1GSX-ND	1Gb multimode 500M – No digital fiber optic transceiver diagnostics
1783-SFP1GSX2-ND	1Gb multimode 2km – No digital fiber optic transceiver diagnostics
1783-SFP1GLX-ND	1Gb singlemode 10km – No digital fiber optic transceiver diagnostics
1783-SFP100T-ND	100Mb copper SFP – No digital fiber optic transceiver diagnostics
1783-SFP1GTE-ND	1Gb copper SFP – No digital fiber optic transceiver diagnostics

Notes:

- **ND** indicates that the hardware does not support digital diagnostics.
- Not intended for pairing with Managed Stratix® 5200, Stratix® 5800 or Stratix® 5410
- If diagnostics are required, select from the 1783-SFP product family without ND in the catalog number





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