



## Product: [4-GCB-LW - S30924-Q1203-X201](#)

XTran Interface Module with 4x Gigabit SFP LAN/WAN ports without PoE support

### Product Description

The 4-GCB-LW interface module (=IFM) provides four 1Gbps LAN/WAN ports on the front panel (LAN = Local Area Network; WAN = Wide Area Network). Port 1 is a gigabit combo port (SFP/RJ45) whereas ports 2, 3 and 4 are 1 gigabit RJ45 ports. Each individual port can be configured as either LAN or WAN port via TXCare (=XTran Management System). By default, each port is configured as WAN port. The 4-GCB-LW IFM does not support PoE (=Power over Ethernet).

### Technical Specifications

#### Product Overview

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Category:       | LAN/WAN Interface Card                                                                                                                                                           |
| Name:                   | S30924-Q1203-X201                                                                                                                                                                |
| Part Number:            | S30924-Q1203-X201                                                                                                                                                                |
| Port Type and Quantity: | 1x Combo (one of the two options): 1x RJ-45 (Cu, electrical): 10/100/1000BASE-T or 1x SFP (Fiber, optical): 1000BASE-X / Smart SFP; 3x RJ-45 (Cu, electrical): 10/100/1000BASE-T |
| Port Mode:              | LAN, WAN                                                                                                                                                                         |

#### Product Life Cycle

|             |                               |
|-------------|-------------------------------|
| Life Cycle: | Active - Product is available |
|-------------|-------------------------------|

#### Power requirements

|                    |                                                |
|--------------------|------------------------------------------------|
| Operating Voltage: | +12V                                           |
| Power Consumption: | Measured at 25°C/77°F, with data transport: 6W |

#### Features and Protocols

|                             |                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Traffic Control & Security: | Port Tracking; HQoS (=Extended queue sets): only on WAN ports in aggregation nodes; E-Tree (LAN ports); Storm Control; BPDU Guard; IP ACL (max. 1 rule); MAC ACL (max. 1 rule); Sticky MAC; MAC Limit; Static MAC Table |
| Synchronization:            | Sync-E; PTP IEEE 1588v2 (=Precision Time Protocol): as Transparent Clock                                                                                                                                                |
| Hardware Features:          | LAG (only LAN ports in aggregation nodes); Smart SFP                                                                                                                                                                    |
| Protocol Interaction:       | BIG (=Backbone Isolation Guard) on RGERP; Dual Homing; RGERP, MRP; STP Interaction                                                                                                                                      |
| Test & Debugging Features:  | Test & Loopback (on CSoP Smart SFPs); Loss Measurement (LM) (in aggregation nodes); Delay Measurement (DM) (in aggregation nodes); Tunnel Ping; Tunnel Traceroute; Port Mirroring; MAC Monitor                          |
| L2 & L3 Features:           | LLDP                                                                                                                                                                                                                    |
| Encryption:                 | MACSec (Min. HW Ed. 16)                                                                                                                                                                                                 |
| Configurable Services:      | Ethernet; Serial Port Server: External TCP client/server; VoIP; TSoP Smart SFP for STM-1/STM-4/OC-3/OC-12; CSoP Smart SFP for STM-1/OC-3                                                                                |

#### Ambient conditions

|                                         |                                                                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MTBF (Telcordia SR-332 Issue 4) @ 25°C: | 159 Years                                                                                                                                                     |
| Operating Temperature Range:            | With XT-1104-A, XT-2206-A, XT-2209-A, XT-2210-A (aggregation nodes): -30° to +65°C (-22° to 149°F); With XT-2215-A (core nodes): -20° to +55°C (-4° to 131°F) |
| Storage Temperature Range:              | -30° to +75°C (-22° to 167°F)                                                                                                                                 |
| Relative humidity (non-condensing):     | 0-95 %                                                                                                                                                        |

#### Mechanical Construction

|                 |          |
|-----------------|----------|
| Overall Width:  | 20.32 mm |
| Overall Height: | 126 mm   |
| Overall Depth:  | 195 mm   |
| Weight:         | 0.211 kg |

Approvals

|                                         |                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basis Standard:                         | CE, EN 55032:2015 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013 + A2 :2021, EN 55035:2017 + A11:2020, EN IEC 61000-6-1:2019, EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021, EN IEC 61000-6-4:2019 |
| Safety of industrial control equipment: | EN 62368-1:2014                                                                                                                                                                                         |
| Power Utility:                          | EN 61000-6-5:2015, EN 61850-3:2014 (§6.7), IEEE 1613-2009 (§4), IEEE1613-2013 (clause 5,7,8,9,10)                                                                                                       |
| Transportation:                         | EN 50121-4:2016 + A1:2019                                                                                                                                                                               |

Reliability

|            |                                      |
|------------|--------------------------------------|
| Guarantee: | Standard 1 year (extension possible) |
|------------|--------------------------------------|

Scope of delivery and accessories

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| Accessories to Order Separately: | Interface Adapter Kit for Core Nodes: C30965-A9550-D16 |
|----------------------------------|--------------------------------------------------------|

Further Instructions

|                        |                                            |
|------------------------|--------------------------------------------|
| Product Documentation: | Available via Belden Solutions Portal site |
| Certificates:          | Available via Belden Solutions Portal site |
| Software Download:     | Available via Belden Solutions Portal site |

History

|                      |                                                |
|----------------------|------------------------------------------------|
| Update and Revision: | Revision Number: 0.3 Revision Date: 08-04-2026 |
|----------------------|------------------------------------------------|

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.