



# Centro Business - Comparative overview

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Router Version	Centro Business 2.0 Centro Business 3.0
update	v03.10.2022

Centro Business

Swisscom (Schweiz) AG  
3050 Bern

# Centro Business 3.0

## The premium model

### Highlights

- High-speed Wi-Fi with latest Wi-Fi 6 standard: includes dual-band (2.4GHz & 5.0 GHz)
- Capable of internet speeds up to 10 Gbps thanks to the SFP+ interface
- LAN Ethernet port: 1 × 10 Gbit/s and 4 × 1 Gbit/s

### Product description

The Centro Business 3.0 is a future-oriented solution for small and medium-sized businesses in the Swisscom B2B market. In addition to the various Swisscom services such as Option Fix IP, Internet backup, Business Network Solution and TV Host, the new router also offers Wi-Fi 6, a 10Gbit/s LAN ethernet port and analog telephone interfaces (ATA). The maximum data bandwidth is 10Gbit/s (XGS-PON).

### Delivery includes

- Centro Business 3.0 Router
- Power supply with power cable 2m
- SFP module including required connection cable
- Quick Install (A4) [Link](#)
- Safety flyer [Link](#)



# Centro Business 2.0

## The general model

### Highlights

- Quick WLAN with Wi-Fi-5 standard incl. dual band (2.4GHz & 5.0 GHz)
- Capable of internet speeds up to 1 Gbit/s in total
- LAN Ethernet port: 4 × 1 Gbit/s
- Support 2 ISDN phones
- DECT base station

### Product description

The Centro Business 2.0 combines all important router features with specific SME needs. In addition to the various Swisscom services such as Option Fix IP, Internet Backup, Business Network Solution as well as TV Host, this router also offers Wi-Fi 5, a DECT base station and analog & ISDN interfaces. The maximum data speed is up to 1Gbit/s (FTTH).

### Delivery includes

- Centro Business 2.0 Router
- Power supply with power cable 2m
- SFP module incl. connection cable
- Poster manual [Link](#)



# Centro Business 2.0 vs. 3.0

## Comparative overview

Centro Business 2.0 –  
The general model

Centro Business 3.0 –  
The premium model



### Wi-Fi

Wi-Fi standard	Wifi 5	Wifi 6 ✓
Wi-Fi dual band	2x2 @ 2.4 GHz band standard 802.11 b/g/n	4x4 @ 2.4GHz band standard 802.11 b/g/n/ax
	3x3 @ 5.0 GHz band standard 802.11 a/n/ac	4x4 @ 5.0 GHz band standard 802.11a/n/ac/ax
Wi-Fi encryption	WPA2	WPA2 / WPA3
Wi-Fi speed (Shared throughput)	Up to 500 Mbps	Up to 1200 Mbps
Wi-Fi pairing button (WPS)	✓	✓ Excl. WPA3 Only
Max. Number of clients on Wi-Fi 2.4 GHz	64	128
Max. Number of clients on Wi-Fi 5.0 GHz	18	128
Separate Wi-Fi	✓	✓

### Internet connection

SFP Technology	✓ ADSL2+, VDSL2 (Vectoring), G.Fast	✓ G.Fast
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### Cooper Technology

Onboard	✓ ADSL2+, VDSL2 (Vectoring), G.Fast	✓ SFP-Modul G.Fast
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### Fiber Technology

FTTH (Max. 930Mbit/s)	✓ (SFP-modul)	✓ (SFP-modul)
XGS-PON (Max. 8.3Gbit/s)	✓ SFP-modul SX-1001 (Limit: Max. 1Gbit/s)	✓ SFP-modul XG-100s

### Ethernet ports

4 × 1 Gbit/s	4 × 1 Gbit/s 1 × 10 Gbit/s
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### Max. Number of clients in the local network (sum)

About <250 devices (NAT Session max. 16k)	About >250 devices (NAT Session max. 56k)
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### Internet backup

Using 4G USB stick or toolkit (optional)	Using 4G USB stick or toolkit (optional)
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### Additional connections

2xUSB 3.0	1 x USB3.0 + 1 x USB 2.0
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Centro Business 2.0 –  
 The general model

 Centro Business 3.0 –  
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 Telephony  
 (terminals are connected to Centro Business)<sup>1</sup>

Analog/Fax		2	2
ISDN		2	-
IP/HD phones		✓	✓
Local SIP-TA		✓	✓
DECT CAT iq 2.x base station integrated (incl. pairing button)		✓	--
Total without app/client (max.)	Number of phones (without/with house wiring <sup>1</sup> )	17/>17	17/>17
	Quantity of phone numbers	Max. 10	Max. 10
	Concurrent calls	Max. 10	Max. 10
Telephony (inOne SME)		✓	✓
Business Telephony (HET)	<a href="#">To the phone portfolio&gt;&gt;</a>	✓	✓

## Swisscom Services

Supports FWA (Fixed Wireless Access)	Internet over mobile network		
	Business Internet Services S wireless	✓	--
	Enterprise Connect S/XS Mobile Access	✓	✓
Internet backup over 3G/4G (MFO)		USB –Stick / Toolkit	USB –Stick / Toolkit

## Blue TV

Blue TV L		✓	✓
Blue TV Host		✓	✓
Blue TV Public		✓	✓
Number of multicast streams		40	40

## BNS

Business Network Services (BNS/EC-S)		✓	✓
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1: Analog telephones should only be operated directly at both ports of the router. It is not recommended to feed them back into the house wiring, as no adequate protection against transient overvoltages is guaranteed.

Centro Business 2.0 –  
Das Standardmodell

Centro Business 3.0 –  
Das Premiummodell

Central backup of router credentials	✓	✓
Server & Security Gateway with DMZ	Port 1	Port 5 (10Gbit) <sup>1</sup>
PPPoE Passthrough	Port 1	Port 5 (10Gbit/s)
IP Passthrough	Port 1	Port 5 (10Gbit/s)
Site-to-site VPN over Ipsec Max. Throughput	IKEv1 / IKEv2 300 Mbit/s / 400 Mbit/s	IKEv2 2.0 Gbit/s 300 Mbit/s
Backup configuration Backup from CB2.0 to CB 3.0 is not supported	=	=
Local SIP TA	Local Passwort	Persistent
Lokaler Security Gateway	Port 1	Port 5 (10Gbit/s)
<a href="#">Further product information</a>	<a href="#">Help page Centro Business 2.0</a>	<a href="#">Help page Centro Business 3.0</a>

Power consumption		(Copper/Fiber)	(Copper/Fiber/XGS-PON)
Energy consumption	Idle mode (no data transmission)	9,2/7,8 Watt	9,7/8,0/9.6 Watt
	Conventional operation <sup>4</sup> (with data transmission)		
	*1 Gbit/s LAN Port	9,7/8,2 Watt	10.1*/8,3*/10,6*Watt
	or **10 Gbit/s LAN Port		10.2**/10.2**/ 12.2** Watt
	Switched off (power supply only)	0,1 Watt	< 0,07 Watt
Router Input (Power)		12V DC 3.5AMax	12V DC 3.0AMax

More about the device

Router Chip	BCM63138 @ 400MHz, 512MB RAM DDR3	Qualcomm IPQ8072A @ Quad Core 2.2GHz, 1Gbit RAM DDR4
Router manufacturer	Advanced Digital Broadcast SA <a href="#">Declaration of compliance</a>	Swisscom (Schweiz) AG <a href="#">Declaration of compliance</a>
Size WxDxH (without SFP module)	71 x 183 x 258 mm	71 x 186 x 263 mm
Weight	0.7kg	0.77kg
Supports wall mounting	Holes Horizontal with 13.5 cm spacing	Holes Horizontal with 13.5 cm spacing

<sup>1</sup> For BNS, port 1 continues to be used for the DMZ function, because the centrally limited Internet speed of approx. 700 Mbit/s would have no added value over the port 5 (10Gbit/s)

<sup>4</sup> The consumption data for standard operation are based on the following device usage: Centro Business is connected to a corresponding Swisscom copper or fiber optic connection. One Wi-Fi device each is connected to the 2.4 and the 5 GHz Wi-Fi, which plays a YouTube video. One HD Phone Nyon is connected to the DECT base station (Applies only for CB 2.0), a Swisscom TV box is connected via Ethernet cable and the TV channel with HD resolution is running. No Internet backup stick is in operation. In case of Centro Business 3.0, no DECT base station is being used. Translated with www.DeepL.com/Translator (free version)