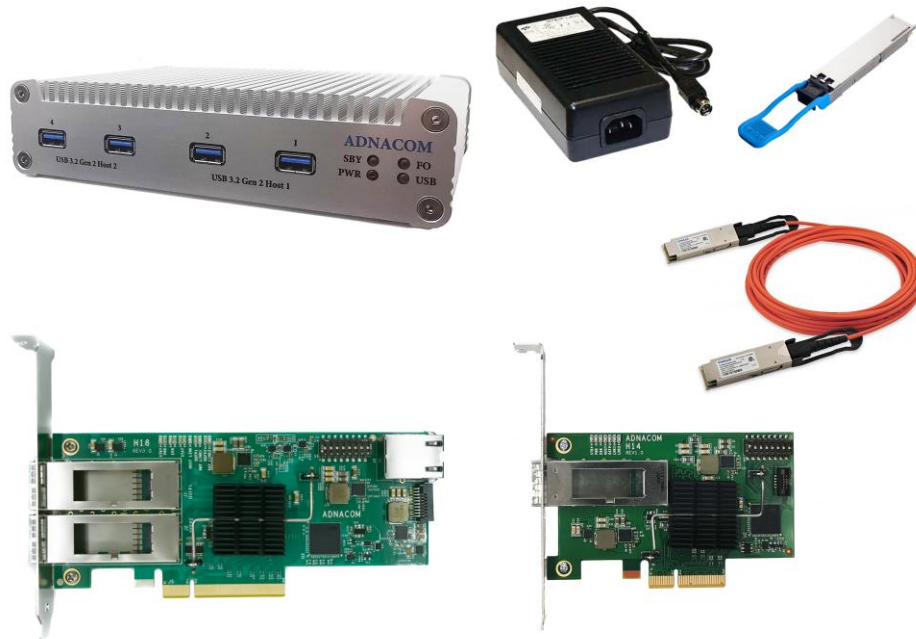


4 Port USB 3.2 Gen 2 Extender



The Adnacom AUS324 system extends 4 USB 3.2 Gen 2 ports over fiber optic cable at distances up to 1 km from the location of the computer system. The system consists of a host adapter, a remote USB unit, and a fiber optic cable. No additional host software drivers are required.

Product Features:

- Four USB 3.2 Gen 2 ports
- Supports USB 3.2 Gen 2 and Gen 1, 2.0, and 1.1 devices
- 32 Gb/s cable data rate using 4 PCIe Gen 3 lanes
- Cable length up to 1 km (the maximum data rate depends on the cable length)
- QSFP optical transceivers or Active Optical Cables (AOC)
- Remote unit auto power on/off
- Windows 10 and Linux

AUS324 System Specification:

USB Data Rates	10 Gbps, 5 Gbps, 480 Mbps, 12 Mbps, 1.5 Mbps
USB Bandwidth	<ul style="list-style-type: none"> • USB 3.2 Gen 2×1 bandwidth of 10 Gbps on 2 ports simultaneously • USB 3.2 Gen 1×1 bandwidth of 5 Gbps on 4 ports simultaneously
Host Adapter	<ul style="list-style-type: none"> • H14 interfaces 1 USB324 unit • H18 interfaces 2 USB324 units
Remote USB Unit	USB324
Power Supply	AC/DC desktop adapter: <ul style="list-style-type: none"> • Input voltage: 90 ~ 264 VAC • Output: 5 V, 8 A • North American power cord
QSFP Transceivers and Cables	<ul style="list-style-type: none"> • Multi-mode or single-mode optical transceivers <ul style="list-style-type: none"> ○ LC-LC duplex cable ○ MPO/MPT cable • AOC

USB324 Remote Unit Specification:

USB Ports	4 USB ports compliant with USB 3.2 Gen 2 specification USB 2.0/1.1 backward compatible
USB Data Rates	<ul style="list-style-type: none"> • Gen 2: 10 Gbps • Gen 1: 5 Gbps • High-speed: 480 Mbps • Full-speed: 12 Mbps • Low-speed: 1.5 Mbps
USB Host Controller	2 AsMedia ASM3142 USB host controllers
USB Power Capability	1.5 A per port
Host Adapter Interface	QSFP connector, 2 PCIe Gen 3 x2 ports
Physical Dimensions	186.5 mm W x 125 mm D x 43.5 mm H
Material	Silver aluminum
Weight	0.9 kg
Power Supply	Power DIN, 4 Pin, 5 V, 8 A
Operating Environment	Temperature: 0° C to +55° C Relative Humidity: 10 to 85%, non-condensing
Storage Environment	Temperature: -40° C to +70° C Relative Humidity: 5 to 85%, non-condensing
Regulatory Compliance	FCC Class B, ICES-003 Class B, CE

AUS324 Ordering Information:**Part Number: AUS324-H-M-C-L****-H** – Host adapter and USB324 unit options

Option	Included Items
1	<ul style="list-style-type: none"> H14: host adapter – 1 pcs LP-H14: low profile bracket – 1 pcs USB324: remote unit – 1 pcs Power supply with North American power cord – 1 pcs
2	<ul style="list-style-type: none"> H18: host adapter – 1 pcs LP-H18: low profile bracket – 1 pcs USB324: remote unit – 2 pcs Power supply with North American power cord – 2 pcs

-M – Wall mounting bracket option**B:** USB324 with wall mounting brackets**Blank:** USB324 without wall mounting brackets**-C** – Host and remote units transceivers and cable option**Blank:** supplied without transceivers and cable**-L** – Cable length in meters**Blank:** supplied without cable**Transceiver and Cable Options**

Option	Manufacturer	Part Number	Cable
01	Generic	AOC	AOC
02		Single-Mode QSFP with LC connector	LC-LC, Duplex, OM or OS
11	Finisar	FCCN410QD3C	AOC
12	finisar.com	FTL4C1QL2C (LC connector)	LC-LC, Duplex, OM or OS
21	Fiber Store	QSFP-AO	AOC
22	fs.com	QSFP-LX4-40G (LC connector)	LC-LC, Duplex, OM or OS

LC-LC Cable Maximum Length

Cable Type	Typical Maximum Length
Multi-Mode OM1 62.5/125 μm	40 m
Multi-Mode OM2 50/125 μm	100 m
Multi-Mode OM3 50/125 μm	350 m
Multi-Mode OM4 50/125 μm	550 m
Single-Mode OS1 9/125 μm	1 km
Single-Mode OS2 9/125 μm	1 km

Note: The maximum cable data rate depends on the cable length.For further information visit: <https://adnacom.com/aus324/>