

Hardware Compatibility List (as of February 15th, 2019)

Switches (Accton/Edge-Core)

Device	ASIC	CPU	Ports	Manufacturing Documentation
AS5812-54X	BRCM TD2+	x86	48x10G + 6x40G	AS5812-54X
AS6812-32X	BRCM TD2+	x86	32x40G	AS6812-32X
AS7312-54X	BRCM TH+	x86	32x100G	AS7312-54X
AS7712-32X	BRCM TH	x86 (Xeon)	32x100G	AS7712-32X
AS7816-64X	BRCM TH2	x86 (Xeon)	64x100G	AS7816-64X

Additional Notes (for additional information, please consult the official 1.0 Release Notes as well as the external documentation available at <http://www.snaproute.com>)

- AS5812-54X requires at least 32GB (SSD). To determine the amount of flash/SSD available on your switch, please use the following command:

```
root@SNAPL-771232X1707003:/mnt/data# fdisk -l | grep /dev/sda
```

 Disk /dev/sda: 29.5 GiB, 31675383808 bytes, 61865984 sectors. <----- the amount of flash should be as close as possible to 32GB
 New SSD part number: mSATA SSD FS032GMSI-AC 32GB 3.3V MLC IMSOLUTION
- AS6812-32X: similarly, the switch requires 32GB to operate correctly. Additionally, The last 6 ports (27-32) may be used as breakout ports (each of those (normally 40G ports), can be broken out as 4 10G ports)
- AS7312-54X: The last six LEDs adjacent to the six 100G ports are unused and should be disregarded. Additionally, and at this stage, the switch does not support for 2 * 50G breakout ports from the 100G ports. Please contact SnapRoute for roadmap information.
- AS7312-54XS: the "XS" version of the 7312 switch is *not* currently supported. Please contact SnapRoute for roadmap information.
- AS7712-32X: At this stage, the switch does not support for 2 * 50G breakout ports from the 100G ports. Please contact SnapRoute for roadmap information

Qualified Optics

5812-54X

Model	Media Type	Module Type	SFP Type	Vendor
5SR0P2C-0850	Fiber	10GBASE-SR	SFP	MENARA

FTLX8571D3BCL	Fiber	10GBASE-SR	SFP	FINISAR
MC3309130-002	Copper	1GBASE-CX	SFP	Mellanox
CAB-10GSFP-P3M	Copper	10GBASE-CR	SFP	10Gtek
MFM1T02A-LR	Fiber	10GBASE-LR	SFP	Mellanox
74752-9047	Copper	10GBASE-CR	SFP	MOLEX
SFP-H10GB-CU3M	Copper	10GBASE-CR	SFP	OEM
CAB-ZSP/ZSP-P1M	Copper	25GBASE-CR	SFP28	10Gtek
CAB-10GSFP-P2M	Copper	10GBASE-CR	SFP	10Gtek
AFBR-703SDZ-IN2	Fiber	10GBASE-SR	SFP	Intel Corp
CAB-10GSFP-P2M	Copper	10GBASE-CR	SFP	10Gtek
SFBR-709SMZ-CS1	Fiber	10GBASE-SR	SFP	AVAGO
PLRXPL-SC-S43-CS	Fiber	10GBASE-SR	SFP	JDSU
5ER0P0C-DW46	Fiber	10GBASE-ER	SFP	MENARA
SFP-SR-10GB	Fiber	10GBASE-SR	SFP	OEM
SFP-10G-SR-NHR	Fiber	10GBASE-SR	SFP	OEM
QSFP-H40G-CU2M	Copper	40GBASE-CR4	QSFP+	OEM

7312-54X

Model	Media Type	Module Type	SFP Type	Vendor
SFP-H10GB-CU3M	Copper	10GBASE-CR	SFP	OEM
CAB-10GSFP-P2M	Copper	10GBASE-CR	SFP	10Gtek
CAB-10GSFP-P3M	Copper	10GBASE-CR	SFP	10Gtek
MCP2M00-A001	Copper	25GBASE-CR	SFP28	Mellanox
CAB-ZSP/ZSP-P1M	Copper	25GBASE-CR	SFP28	10Gtek
CAB-10GSFP-P5M	Copper	10GBASE-CR	SFP	10Gtek
CAB-ZSP/ZSP-P2M	Copper	25GBASE-CR	SFP28	10Gtek
SFP28-25G-1M	Copper	10GBASE-CR	SFP	OEM
CAB-ZQP-ZQP-P3M	Copper	100GBASE-CR4	QSFP28	OEM
CAB-ZSP/ZSP-P1M	Copper	25GBASE-CR	SFP28	10Gtek
CAB-ZQP-ZQP-P2M	Copper	100GBASE-CR4	QSFP28	OEM
MFA1A00-C003	Fiber	100G-AOC	QSFP28	Mellanox

7816-64X

Model	Media Type	Module Type	SFP Type	Vendor
QSFP-H40G-CU3M	Copper	40GBASE-CR4	QSFP+	OEM
QSFP-H40G-CU2M	Copper	40GBASE-CR4	QSFP+	OEM
CAB-Q10/Q10-P3M	Copper	40GBASE-CR4	QSFP+	10Gtek
CAB-Q10/Q10-P2M	Copper	40GBASE-CR4	QSFP+	10Gtek
QSFP-40GB4HDR	Fiber	40GBASE-LR4	QSFP+	DELTA

7712-32X

Model	Media Type	Module Type	SFP Type	Vendor
QSFP-H40G-CU3M	Copper	40GBASE-CR4	QSFP+	OEM
QSFP-H40G-CU2M	Copper	40GBASE-CR4	QSFP+	OEM
CAB-Q10/Q10-P3M	Copper	40GBASE-CR4	QSFP+	10Gtek
CAB-Q10/Q10-P2M	Copper	40GBASE-CR4	QSFP+	10Gtek
QSFP-40GB4HDR	Fiber	40GBASE-LR4	QSFP+	DELTA

Support

- How to reach SnapRoute?
 - <http://www.snaproute.com>

