

Cisco Optics-to-Device Compatibility Matrix Results

Network Device Product Family

ASR1000

Network Device Product ID	Transciever Product ID	Transceiver Business	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software	DOM Suppoi
ASR1001-HX	GLC-GE-100FX	Unit TMG	100 Mbps	SFP	2km	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	N	Support IOS XE 2.1	_
	Notes for above			'	•	1	1	1/	1				
• ASR 1001-HX su ASR1001-HX	pports GLC-GE-100 SFP-10G-SR	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 16.3.1	IOS XE
 ASR 1000 platfor correct software re Transceiver Not 	Notes for above m with SPA cards: Slease. es for above line: 33m; OM2: 82m; C	Software support			nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	lled. Refe	r to the SPA	release notes	for the
ASR1001-HX	SFP-10G-SR-S	TMG	10 Gbps	SFP+	400m	Duplex Fiber	MMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
 ASR 1000 platfor correct software re Transceiver Not 	Notes for above m with SPA cards: \$ lease. es for above line : 33m; OM2: 82m; C	Software support			nodular pla	tforms is determine	ed by the pl	atform on which	on the SPA is insta	lled. Refe	r to the SPA	release notes	for the
AOI(1001-11X	011-100-01C-X	TIMO	Gbps	0117	400111	Duplex 1 lbei	IVIIVII	UPC)	Орис	85C	<u> </u>	16.3.1	16.3.1
	es for above line : 33m; OM2: 82m; C SFP-10G-LR		/OM5: 400 10 Gbps	Om SFP+	10Km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above m with SPA cards: \$ lease.		on the AS	R 1000 m	nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	illed. Refe	r to the SPA	release notes	for the
ASR1001-HX	SFP-10G-LR-S	TMG	10 Gbps	SFP+	10Km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
	Notes for above m with SPA cards: Slease.		on the AS	R 1000 m	nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	illed. Refe	r to the SPA	release notes	for the
ASR1001-HX	SFP-10G-LR-X	TMG	10 Gbps	SFP+	10Km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above m with SPA cards: \$ lease.		on the AS	R 1000 m	nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	ılled. Refe	r to the SPA	release notes	for the
ASR1001-HX	SFP-10G-ER	TMG	10 Gbps	SFP+	40km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above m with SPA cards: \$ lease.		on the AS	R 1000 m	nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	illed. Refe	r to the SPA	release notes	for the
ASR1001-HX	SFP-10G-ER-S	TMG	10 Gbps	SFP+	40km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.6.1	IOS XE 16.6.1
	Notes for above m with SPA cards: S		on the AS	SR 1000 m	nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	illed. Refe	r to the SPA	release notes	for the
ASR1001-HX	SFP-10G-ZR	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
ASR 1000 platfor	Notes for above m with SPA cards: \$		on the AS	SR 1000 m	nodular pla	tforms is determine	ed by the pl	atform on which	n the SPA is insta	lled. Refe	r to the SPA	release notes	for the
correct software re ASR1001-HX	lease. SFP-10G-ZR-S	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 16.6.1	IOS XE
	1	-	J 22P0		1	1		J. U,	1	1.00	1		1 . 5.5. 1

Network Device Product ID	Transciever Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
	Notes for above I	ine :	on the AS	R 1000 m	odular pla	I tforms is determined	d by the pla	atform on which	the SPA is insta	illed. Refer	to the SPA r		for the
correct software re	lease.												
ASR1001-HX	SFP-10G-BXD-I	TMG	10 Gbps	SFP+	10Km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above I m with SPA cards: S		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	the SPA is insta	illed. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-10G-BXU-I	TMG	10 Gbps	SFP+	10Km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
ASR 1000 platfor	Notes for above I		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	illed. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-10G-BX40D-	TMG	10 Gbps	SFP+	40km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
ASR 1000 platfor	Notes for above I m with SPA cards: S		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	lled. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-10G-BX40U-	TMG	10 Gbps	SFP+	40km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above I			R 1000 m	odular pla		d by the pla	,	n the SPA is insta	•	to the SPA r	•	•
ASR1001-HX	SFP-H10GB- ACU7M	TMG	10 Gbps	SFP+	7m	Preterminated cable	DAC	N/A	Cable	0 to 70C	N	IOS XE 16.3.1	
	Notes for above I		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	ılled. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-H10GB- ACU10M	TMG	10 Gbps	SFP+	10m	Preterminated cable	DAC	N/A	Cable	0 to 70C	N	IOS XE 16.3.1	_
ASR 1000 platfor	Notes for above I			R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	illed. Refer	to the SPA r		for the
ASR1001-HX	SFP-10G-AOC1M	TMG	10	SFP+	1m	Preterminated	AOC	N/A	Cable	0 to	N	IOS XE	_
Network Device	Notes for above I	ine :	Gbps			cable				70C		16.6.1	
ASR 1000 platfor correct software re	m with SPA cards: S lease.	oftware support	on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	the SPA is insta	lled. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-10G-AOC2M	TMG	10 Gbps	SFP+	2m	Preterminated cable	AOC	N/A	Cable	0 to 70C	N	IOS XE 16.6.1	_
ASR 1000 platfor	Notes for above I		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	illed. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-10G-AOC3M	TMG	10 Gbps	SFP+	3m	Preterminated cable	AOC	N/A	Cable	0 to 70C	N	IOS XE 16.6.1	_
ASR 1000 platfor	Notes for above I m with SPA cards: S		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	illed. Refer	to the SPA r	elease notes	for the
ASR1001-HX	SFP-10G-AOC5M	TMG	10 Gbps	SFP+	5m	Preterminated cable	AOC	N/A	Cable	0 to 70C	N	IOS XE 16.6.1	_
	Notes for above I m with SPA cards: S			R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	illed. Refer	to the SPA r		for the
correct software re ASR1001-HX	SFP-10G-AOC7M	TMG	10 Gbps	SFP+	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C	N	IOS XE 16.6.1	_
	Notes for above I			R 1000 m	odular pla	•	d by the pla	atform on which	the SPA is insta	•	to the SPA r	•	for the
correct software re	lease. SFP-10G-	TMG	10	SFP+	10m	Preterminated	AOC	N/A	Cable	0 to	N	IOS XE	_
Network Device	Notes for above I	ine :	Gbps			cable				70C	1	16.6.1	
ASR 1000 platfor correct software re	m with SPA cards: S lease.	oftware support	on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	the SPA is insta	lled. Refer	to the SPA r	elease notes	for the
ASR1001-HX	DWDM-SFP10G- 61.41	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above I m with SPA cards: S lease.		on the AS	R 1000 m	odular pla	tforms is determined	d by the pla	atform on which	n the SPA is insta	illed. Refer	to the SPA r	elease notes	for the
ASR1001-HX	CWDM-SFP10G- XXXX	TMG	10 Gbps	SFP+	40km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 16.11.1	IOS XE 16.11.1
ASR 1000 platfor	Notes for above I			R 1000 m	odular pla	tforms is determined	d by the pla	,	n the SPA is insta	•	to the SPA r		•
correct software re ASR1001-HX	GLC-TE	TMG	10/100/ 1000 Mbps	SFP	100m	Cat5e/6A	Copper	RJ-45	Copper	-5 to 85C	N	IOS XE 3.15.0S	_
			Mbps		1	1	1			1	1	1	1

Network Device Product ID	Transciever Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
	Notes for above		7: 1000BA	.SE-T sup	ported only	/; other ports do n	ot support B	ASE-T.					
ASR1001-HX	GLC-BX-D	TMG	1 Gbps	SFP	10Km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 2.5	IOS XE 2.5
ASR1001-HX	GLC-BX-U	TMG	1 Gbps	SFP	10Km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 2.5	IOS XE 2.5
ASR1001-HX	GLC-BX40-D-I	TMG	1 Gbps	SFP	40km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
ASR1001-HX	GLC-BX40-U-I	TMG	1 Gbps	SFP	40km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Y	IOS XE 16.3.1	IOS XE 16.3.1
ASR1001-HX	GLC-BX80-D-I	TMG	1 Gbps	SFP	80km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Y	IOS XE 16.3.1	IOS XE 16.3.1
ASR1001-HX	GLC-BX80-U-I	TMG	1 Gbps	SFP	80km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Y	IOS XE 16.3.1	IOS XE 16.3.1
ASR1001-HX	GLC-BX40-DA-I	TMG	1 Gbps	SFP	40km	Single-strand Fiber	SMF	LC (PC or UPC)	Optic	-40 to 85C	Υ	IOS XE 16.3.1	IOS XE 16.3.1
ASR1001-HX	GLC-EX-SMD	TMG	1 Gbps	SFP	40km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	-5 to 85C	Υ	IOS XE 3.5S	IOS XE 3.5S
ASR1001-HX	SFP-GE-T	TMG	10/100/ 1000 Mbps	SFP	100m	Cat5e/6A	Copper	RJ-45	Copper	-5 to 85C	N	IOS XE 2.1	_
	Notes for above DOBASE-T supporte GLC-SX-MMD		7: 1000BA	SE-T sup	ported only	y; other ports do no	ot support B	LC (PC or	Optic	-5 to	Υ	IOS XE	IOS XE
	l es for above line 1: 275m; OM2: 550		M5: 1000i	n				UPĆ)		85C		3.4S	3.4\$
ASR1001-HX	GLC-LH-SMD	TMG	1 Gbps	SFP	10Km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	-5 to 85C	Υ	IOS XE 3.5S	IOS XE 3.5S
GLC-LH-SMD car	es for above line n be used on MMF vening cable required	with a maximum		50m									
ASR1001-HX	GLC-ZX-SMD	TMG	1 Gbps	SFP	70km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	-5 to 85C	Y	IOS XE 3.4S	IOS XE 3.4S
ASR1001-HX	CWDM-SFP- XXXX	TMG	1 Gbps	SFP	100km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 2.1	IOS XE 2.1
ASR1001-HX	DWDM-SFP- XXXX	TMG	1 Gbps	SFP	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 2.1	IOS XE
ASR1001-HX	DWDM-SFP10G- 30.33	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Y	IOS XE 16.3.1	IOS XE 16.3.1
	Notes for above m with SPA cards: S lease.		on the AS	R 1000 m	odular pla	tforms is determin	ed by the pl	atform on which	h the SPA is insta	illed. Refe	r to the SPA i	release notes	for the
ASR1001-HX	DWDM-SFP10G-	TMG	10 Gbps	SFP+	80km	Duplex Fiber	SMF	LC (PC or UPC)	Optic	0 to 70C	Υ	IOS XE 16.7.1	IOS XE 16.7.1

Network Device Notes for above line :

[•] ASR 1000 platform with SPA cards: Software support on the ASR 1000 modular platforms is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.