






We change the shape of the world

Feature List	NovaTec Network Multiplexer		
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Models	NovaTec S5+ 	NovaTec S6 	NovaTec S20 / S20+ 
Width x Depth x Height	19" chassis: 480 x 220 x 60 mm	19" chassis: 480 x 220 x 135 mm	19" chassis: 480 x 235 x 265 mm
	Desktop or wall-mounted chassis: 360 x 220 x 60 mm		
Approximate weight	2 up to 4 kg	7 up to 10 kg	7 up to 15.8 kg
Input power supply	100 – 240 V~	100 – 240 V~	230 V~ (115 V~) ±10%
Max. number of PRI (E1) interfaces, non-blocking			
CCU-3:	2	2	2 / 6*
CCU-4:	3	3	3 / 9*
Multiple PRI (E1) interfaces	Yes	Yes	Yes
Max. number of BRI (S/T) interfaces, non-blocking			
CCU-3:	16	30 (without in-band tones) 28 (with in-band tones)	30 / 90* (without in-band tones) 28 / 84* (with in-band tones)
CCU-4:	20	52 (with in-band tones)	60 / 156* (with in-band tones)
Max. number of BRI (S/T) interfaces, blocking			
CCU-3:	16	52	104 / 156*
Max. number of U₀ interfaces (ULU), non-blocking			
CCU-3:	4	16	30 / 48* (without in-band tones) 28 / 48* (with in-band tones)
CCU-4:	4	16	56 / 48* (with in-band tones)
Max. number of U₀ interfaces (ULU), blocking			
CCU-3:	4	16	48 / 48*
Max. number of U_{p0}/U_{k0} interfaces, non-blocking:			
CCU-3:	16	30 (without in-band tones) 28 (with in-band tones)	30 / 90* (without in-band tones) 28 / 84* (with in-band tones)
CCU-4:	16	52 (with in-band tones)	60 / 156* (with in-band tones)
Max. number of U_{p0}/U_{k0} interfaces, blocking:			
CCU-3:	16	52	104 / 156*
Analogue subscriber line (optional) according ITU-T G.712 and Q.552 – non blocking			
CCU-3:	16	52	60/156* (without in-band tones) 56 / 156* with in-band tones)
CCU-4:	16	52	120 / 156*
Analogue subscriber line (optional) according ITU-T G.712 and Q.552 – blocking			
CCU-3:	16	52	184 / 156*
Line power for BRI / U₀ interfaces	No	Possible	Possible
Max. simultaneous connections			
CCU-3:	60	60	60
CCU-4:	256	256	256



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Models	NovaTec S5+	NovaTec S6	NovaTec S20 / S20+
IP connection CCU-3: CCU-4:	Yes Yes	Yes Yes	Yes Yes
RS232 (V.24) interface CCU-3: CCU-4:	Optional Yes	Optional Yes	Optional Yes
Remote configuration via IP & ISDN CCU-3: CCU-4:	Yes No	Yes No	Yes No
Software download capability (local and remote) CCU-3: CCU-4:	Yes Yes	Yes Yes	Yes Yes
SIP-Trunking with Cisco ISR for data applications CCU-3: CCU-4:	Yes Yes	Yes Yes	Yes Yes
VLAN (Virtual LAN) according to IEEE 802.1Q CCU-3: CCU-4:	Yes Yes	Yes Yes	Yes Yes
Common DDI for mobile, fixed-line and IP phone CCU-3: CCU-4 (mobile/GSM is NOT supported):	Yes Yes	Yes Yes	Yes Yes
Budget assignment per user with user blockage when budget is spent CCU-3: CCU-4:	Yes No	Yes No	Yes No
E-Mail message incl. CLIP information in case of no answer on the mobile, fixed-line or IP phone (direct response or callback possible) CCU-3: CCU-4:	Yes No	Yes No	Yes No
NovaTec Mobile Gateway upgrade** CCU-3: CCU-4:	Yes No	Yes No	Yes No
VoIP Media Gateway upgrade*** CCU-3: CCU-4:	Yes Yes	Yes Yes	Yes Yes

* Only S20+ (3 x S6 backplane)

** Features see NovaTec Mobile Gateway

*** Features see NovaTec SIP Gateway