

NS1000
Business Communications Server

- Powerful SIP based communications server
- Up to 256 SIP trunks, 640 extensions
- Advanced Unified Messaging built-in
- Scalable Linux based architecture
- Extensive support for CTI applications
- Ideal partner to KX-UT series SIP terminals



SIP based Business Communications Server

System

Operating System	Linux
CPU	ARM11, 650MHz

System Capacity

Maximum Trunks	256 standalone, 600 in one-look network
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IP Trunks

IP Trunks	256
SIP Trunk	256
H.323	48 standalone, 96 in one-look network

Legacy Trunks

Legacy Trunks	30 standalone, 480 in one-look network
Analogue Trunks	2 standalone, 32 in one-look network
ISDN BRI	8 standalone, 128 in one-look network
ISDN PRI30	30 standalone, 480 in one-look network
Extensions	640 standalone, 1000 in one-look network

IP Extension

IP Extension	640 standalone, 1000 in one-look network
SIP Phones	640 / 1000

IP Proprietary Phones	128 / 1000
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Single Line Telephones	2 / 32
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DECT Handsets	512 / 512
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Unified Messaging and Voicemail

Channels

Default	2 channels
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Maximum	24 channels
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One-look network	24 * 16 channels
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Recording Time

Default	2 hours
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Maximum	1000 hours via activation key and additional memory
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Number of Mailboxes	1024
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Message Length	1 - 60 minutes (programmable)
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Personal Greeting Length	60 - 360 seconds (programmable)
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File Format	G.711
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Fax Server	Optional Fax Server card - 1 channel
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Supported Phone Terminals

IP-PT	NT300 series
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IP Conference Phone	NT700
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IP Cell Station	NCP0158
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SIP Terminals	KX-UT136, KX-UT133, KX-UT123, KX-UT113
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Network Services

FTP Server	For system auto-update
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DNS Server	For MNT port
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NTP Server	For UT series SIP phones
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LED Indicators

Status	3 colour (Green, Amber, Red)
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Battery Alarm	Red
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Master	3 colour (Green, Amber, Red)
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Ethernet Ports

MNT	Maintenance Port (10Base-T / 100Base-TX / 1000Base-T) RJ45
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LAN	LAN Interface (10Base-T / 100Base-TX / 1000Base-T) RJ45
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WAN	Reserved
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Music on Hold EPG ports

External music source port	3.5mm socket
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External paging port	3.5mm socket
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Serial port

RS-232C interface	Dsub 9 pin connector at rear
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General

Operating Environment

Temperature	0 - 40 C
Humidity	10 - 90 %
Power Supply	AC 100-240V, 50 / 60Hz, Worldwide
Power Consumption	100W

Dimensions (mm)

Width	430
Depth	340
Height	88 (2U, 19" rack mount)
Weight (kg)	5.100

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