

**NS1000**  
Business Communications Server

- Powerful SIP based communications server

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- Up to 256 SIP trunks, 640 extensions

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- Advanced Unified Messaging built-in

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- Scalable Linux based architecture

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- Extensive support for CTI applications

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- Ideal partner to KX-UT series SIP terminals



SIP based Business Communications Server

**System**

<b>Operating System</b>	Linux
<b>CPU</b>	ARM11, 650MHz

**System Capacity**

<b>Maximum Trunks</b>	256 standalone, 600 in one-look network
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**IP Trunks**

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

**Legacy Trunks**

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

**IP Extension**

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

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

### Channels

<b>Default</b>	2 channels
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<b>Maximum</b>	24 channels
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<b>One-look network</b>	24 * 16 channels
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### Recording Time

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

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

<b>FTP Server</b>	For system auto-update
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<b>DNS Server</b>	For MNT port
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<b>NTP Server</b>	For UT series SIP phones
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### LED Indicators

<b>Status</b>	3 colour (Green, Amber, Red)
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<b>Battery Alarm</b>	Red
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<b>Master</b>	3 colour (Green, Amber, Red)
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### Ethernet Ports

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

<b>External music source port</b>	3.5mm socket
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<b>External paging port</b>	3.5mm socket
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Serial port

<b>RS-232C interface</b>	Dsub 9 pin connector at rear
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General

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Operating Environment

<b>Temperature</b>	0 - 40 C
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<b>Humidity</b>	10 - 90 %
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<b>Power Supply</b>	AC 100-240V, 50 / 60Hz, Worldwide
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<b>Power Consumption</b>	100W
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Dimensions (mm)

<b>Width</b>	430
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<b>Depth</b>	340
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<b>Height</b>	88 (2U, 19" rack mount)
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<b>Weight (kg)</b>	5.100
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To locate a dealer, visit [Panasonic-America.com](http://Panasonic-America.com)

