

System Feature Capacity

	Item	Capacity
Absent Message—Extension	1 x 16 characters	
Absent Message—System	8 x 16 characters	
Call Park Zone	100	
Conference	3 – 8 parties per conference 72 parties total per KX-NS1000 PBX 32 parties total per legacy gateway	
COS	64	
DID/DI Table	32 digits, 1000 entries	
Extension number	1 – 5 digits	
Extension Personal Identification Number (PIN)	10 digits, 1 entry/extension	
Host PBX Access Code	10 digits, 10 entries/trunk group	
Multiple Subscriber Number (MSN)	10 entries per ISDN-BRI port	
Number of Characters of Name	20	
Printing message	8	
Queuing Time Table	128	
Ring Tone Pattern Plan	8	
Simultaneous Programmers	• one manager programmer + 63 personal programmers • 64 personal programmers	
SMDR Call Storage	1000 calls	
Special Carrier Access Code	16 digits, 100 entries	
Tenant	32	
Time Service Holiday	24	
Verification Code	4 digits, 1000 entries	
Verification Code Personal Identification Number (PIN)	10 digits, 1000 entries	
Emergency Call	32 digits, 10 entries	
Hot Line	32 digits	
Key Pad Protocol Dial (ISDN Service Access)	32 digits	
Personal Speed Dialling	32 digits, 100 entries/extn.	
Quick Dialling	8 digits, 4000 entries	
Redial	32 digits	
System Speed Dialling	32 digits, 1000 entries/tenant	
One-touch Dialling—PT	32 digits, 5000 entries/system	
One-touch Dialling—PS	32 digits, 1000 entries/system	
Conference Group	8 (8 members/group for Conference Group Mode, 32 members/group for Broadcast Mode)	
Call Pickup Group	96	
Idle Extension Hunting Group	128 (16 extensions/group)	
Incoming Call Distribution Group	128 (128 extensions/group)	
Paging Group	96	
PS Ring Group	32	
Trunk Group	96	
UM Group	1 group per PBX	
VM (DPT) Group	8 groups x 12 ports (24 channels)	
VM (DTMF) Group	8 groups x 32 channels	
P2P Group	256	

Feature List

1. Call Handling Features

Incoming Call Features

- Automatic Trunk Call Features
- Direct In Line (DIL)
- Direct Inward Dialling (DID)/Direct Dialling In (DDI)
- Multiple Subscriber Number (MSN) Ringing Service
- Calling Line Identification (CLI) Distribution
- Intercept Routing
- Intercept Routing—No Destination
- Internal Call Features
- Internal Call Block
- Incoming Call Indication Features
- Ring Tone Pattern Selection
- Call Waiting

Receiving Group Features

Idle Extension Hunting

Incoming Call Distribution Group Features

Group Call Distribution

Outside Destinations in Incoming Call Distribution Group

Queuing Feature

VIP Call

Overflow Feature

Log-in/Log-out

Supervisory Feature

Call Forwarding (FWD)/Do Not Disturb (DND) Features

Call Forwarding (FWD)

Do Not Disturb (DND)

FWD/DND Button, Group FWD Button

Answering Features

Line Preference—Incoming

Call Pickup

Hands-free Answerback

Making Call Features

Predialing

Automatic Extension Release

Intercom Call

Trunk Call Features

• Emergency Call

• Account Code Entry

• Dial Type Selection

• Reverse Circuit

• Trunk Busy Out

• Pause Insertion

• Host PBX Access Code (Access Code to the Telephone

Company from a Host PBX)

• Special Carrier Code

Seizing a Line Features

• Line Preference—Outgoing

• Trunk Access

Memory Dialling Features

One-touch Dialling

Last Number Redial

Speed Dialling—Personal/System

Quick Dialling

Hot Line

Toll Restriction (TRS)/Call Barrling (Barring) Features

• Toll Restriction (TRS)/Call Barrling (Barring)

Budget Management

Extension Dial Lock

Dial Tone Transfer

Walking COS

Verification Code Entry

Automatic Route Selection (ARS) Features

• Automatic Route Selection (ARS)

Primary Directory Number (PDN)/Secondary

Directory Number (SDN) Features

Primary Directory Number (PDN)/Secondary Directory

Number (SDN) Extension

Busy Line/Busy Party Features

Automatic Callback Busy (Camp-on)

Executive Busy Override

Call Monitor

Second Call Notification to Busy Extension

• Call Waiting Tone

CA (Communication Assistant)

• Off-hook Call Announcement (OHCA)

• Whisper OHCA

Conversation Features

Hands-free Operation

Off-hook Monitor

Mute

Headset Operation

Data Line Security

Flash/Recall/Terminate

External Feature Access (EFA)

Trunk Call Limitation

Calling Party Control (CPC) Signal Detection

Transferring Features

Call Transfer

Holding Features

Call Hold

Call Park

Call Splitting

Music on Hold

Computer Telephony Integration (CTI) Features

Computer Telephony Integration (CTI)

CA (Communication Assistant)

• Whisper OHCA

Unified Messaging System

Unified Messaging System Administration

System Administration

• Custom Service Builder

• Default Mailbox Template

• Password Administration

• System Backup/Restore

• System Reports

• System Security

Fax Server

System and Subscriber Features

System Features

• Alternate Extension Group

• Auto Forwarding

• Automated Attendant (AA)

• Automatic Two-way Recording for Manager

• Broadcasting Messages

• Call Services

• Call Transfer to Outside

• Caller ID Call Routing

• Caller ID Screening

• Caller Name Announcement

• Class of Service (COS)

• Company Greeting

• Company Name

• Covering Extension

• Custom Service

• Dialling by Name

• Emergency Greeting

• Extension Group

• Fax Service

• Hold

• Holiday Service

• Hospitality Mode

• Intercept Routing to a Mailbox

• Intercom Paging

• Interview Service

• List All Names

• Logical Extension (All Calls Transfer to Mailbox)

• Message Reception Mode

• Message Waiting Notification—E-mail Device

• Message Waiting Notification—Lamp

• Message Waiting Notification Telephone Device

• Multilingual Service

• No DTMF Input Operation

• On Hold Announcement Menu

• Operator Service

• PIN Call Routing

• Play System Prompt After Personal Greeting

• Port Service

• Remote Time Service Set

• Service Group

• Simplified Tutorial

• System Prompts

• Transfer Call to a Mailbox

• Transfer to Mailbox

• Trunk Service (Universal Port)

Option List for KX-NS1000

Category	Model	Description
Activation Key Codes ¹		
IP Trunk	KX-NSM102	2-Channel IP Trunk Activation Key
	KX-NSM104	4-Channel IP Trunk Activation Key
	KX-NSM108	8-Channel IP Trunk Activation Key
	KX-NSM116	16-Channel IP Trunk Activation Key
Networking	KX-NSN001	Activation Key for One-look Network
	KX-NSN002	Activation Key for QSIG Network
IP Telephone	KX-NSM005	Up to 50 IP Phone Capacity Activation Key
	KX-NSM010	Up to 100 IP Phone Capacity Activation Key
	KX-NSM030	Up to 300 IP Phone Capacity Activation Key
	KX-NSM099	Up to System Limit IP Phone Capacity Activation Key
	KX-NSM201	1-Channel IP Softphone/IP Proprietary Telephone Activation Key
	KX-NSM205	5-Channel IP Softphone/IP Proprietary Telephone Activation Key
	KX-NSM210	10-Channel IP Softphone/IP Proprietary Telephone Activation Key
	KX-NSM220	20-Channel IP Softphone/IP Proprietary Telephone Activation Key
	KX-NSM501	1-Channel IP Proprietary Telephone Activation Key
	KX-NSM505	5-Channel IP Proprietary Telephone Activation Key
	KX-NSM510	10-Channel IP Proprietary Telephone Activation Key
	KX-NSM520	20-Channel IP Proprietary Telephone Activation Key
	KX-NSM701	1-Channel SIP Extension Activation Key
	KX-NSM705	5-Channel SIP Extension Activation Key
	KX-NSM710	10-Channel SIP Extension Activation Key
	KX-NSM720	20-Channel SIP Extension Activation Key
Unified Messaging	KX-NSU001	Activation Key for Recording Time Expansion
	KX-NSU002	Activation Key for Two-way Recording Control
	KX-NSU003	Activation Key for Message Backup
	KX-NSU102	2-Channel Unified Messaging Activation Key
	KX-NSU104	4-Channel Unified Messaging Activation Key
	KX-NSU201	Activation Key for Unified Messaging E-mail Notification for 1 User
	KX-NSU205	Activation Key for Unified Messaging E-mail Notification for 5 Users
	KX-NSU210	Activation Key for Unified Messaging E-mail Notification for 10 Users
	KX-NSU220	Activation Key for Unified Messaging E-mail Notification for 20 Users
	KX-NSU299	Activation Key for Unified Messaging E-mail Notification for All Users
	KX-NSU301	Activation Key for Two-way Recording for 1 User
	KX-NSU305	Activation Key for Two-way Recording for 5 Users
	KX-NSU310	Activation Key for Two-way Recording for 10 Users
	KX-NSU320	Activation Key for Two-way Recording for 20 Users
	KX-NSU399	Activation Key for Two-way Recording for All Users
Cellular Phone Extension	KX-NSE101	Activation Key for Mobile Extension for 1 User
	KX-NSE105	Activation Key for Mobile Extension for 5 Users
	KX-NSE110	Activation Key for Mobile Extension for 10 Users
	KX-NSE120	Activation Key for Mobile Extension for 20 Users
Communication Assistant	KX-NSA201	Activation Key for CA PRO for 1 User
	KX-NSA205	Activation Key for CA PRO for 5 Users
	KX-NSA210	Activation Key for CA PRO for 10 Users
	KX-NSA240	Activation Key for CA PRO for 40 Users
	KX-NSA249	Activation Key for CA PRO for 128 Users
	KX-NSA301	Activation Key for CA ACD Monitor for 1 ICD Supervisor
	KX-NSA401	Activation Key for CA Operator Console
	KX-NSA901	Activation Key for CA Network Plug-in for 1 User
	KX-NSA905	Activation Key for CA Network Plug-in for 5 Users
	KX-NSA910	Activation Key for CA Network Plug-in for 10 Users
	KX-NSA940	Activation Key for CA Network Plug-in for 40 Users
	KX-NSA949	Activation Key for CA Network Plug-in for 128 Users
	KX-NSA010	Activation Key for CA Thin Client Server Connection
	KX-NSA020	Activation Key for Multiple CSTA Connection
	KX-NSF101	Activation Key for CTI interface
Packaged Activation Keys	KX-NSP001	Standard Activation Key Package (E-mail/Two-way Recording) for 1 User
	KX-NSP003	Standard Activation Key Package (E-mail/Two-way Recording) for 5 Users
	KX-NSP010	Standard Activation Key Package (E-mail/Two-way Recording) for 10 Users
	KX-NSP020	Standard Activation Key Package (E-mail/Two-way Recording) for 20 Users
	KX-NSP101	Advanced Activation Key Package (E-mail/Two-way Recording/Mobile/CA PRO) for 1 User
	KX-NSP105	Advanced Activation Key Package (E-mail/Two-way Recording/Mobile/CA PRO) for 5 Users
	KX-NSP110	Advanced Activation Key Package (E-mail/Two-way Recording/Mobile/CA PRO) for 10 Users
	KX-NSP120	Advanced Activation Key Package (E-mail/Two-way Recording/Mobile/CA PRO) for 20 Users
	KX-NSP201	Mobile Activation Key Package (E-mail/Mobile) for 1 User
	KX-NSP205	Mobile Activation Key Package (E-mail/Mobile) for 5 Users
	KX-NSP210	Mobile Activation Key Package (E-mail/Mobile) for 10 Users
	KX-NSP220	Mobile Activation Key Package (E-mail/Mobile) for 20 Users

Category	Model	Description
Physical Cards		
DSP Card Slot	KX-NS0110	VoIP DSP Card (S Type)
	KX-NS0111	VoIP DSP Card (M Type)
	KX-NS0112	VoIP DSP Card (L Type)
Storage Memory Card Slot	KX-NS0135	Storage Memory (S Type)
	KX-NS0136	Storage Memory (M Type)
	KX-NS0137	Storage Memory (L Type)
Free Slot	KX-NS0180	2-Port Analogue Trunk / 2-Port SLT Card
	KX-NS0280	4-Port BRI / 2-Port SLT Card
	KX-NS0290CE	PRI30 / 2-Port SLT Card
	KX-NS0290	PRI23 / 2-Port SLT Card
	KX-NS0130	Stacking Master Card
FAX Card Slot	KX-NS0106	FAX Interface Card
Doorphone Slot	KX-NS0161	Doorphone Interface Card

¹ Note that the types of activation keys are subject to change without notice.

Compatible Panasonic Cell Stations/Doorphones/Telephones/Adaptors

The KX-NS1000 supports the following equipment:

Cell Stations
• DECT 8 Channel IP Cell Station Unit (KX-NCP0158CE) Using a V-IPCS4 Card for DECT Portable Station

• DECT Cell Station Unit (KX-UDS124) Using a V-UTEXT32 Card for DECT Portable Station (SIP)

Doorphones
• Doorphone (KX-T30865, KX-T7765)

Telephones

• Panasonic Proprietary Telephones
- IP proprietary telephones (e.g., KX-NT500 series, KX-NT300 series)

- IP softphones (e.g., KX-NC8100)

- Feature phones (e.g., KX-TCA364, KX-WT115)

- SIP phones

(e.g., KX-UT670, KX-UT248, KX-UT136)

- SIP Portable Stations (KX-UDT131, KX-UDT121, KX-UDT111)

- IP conferencing phones (e.g., KX-NT700)

- Third party SIP phones (SIP hardphones/SIP softphones)

- Other

- Single line telephones

Adaptors

• E1 Trunk Adaptor (KX-N8188X)

• PRI Adaptor (KX-NS8290CE, KX-NS8290X)

Incompatible Panasonic Telephones
The KX-NS1000 does not support the following Panasonic proprietary telephones:

• Analogue proprietary telephones

• Digital proprietary telephones

• DSS consoles (e.g., KX-DT390)

• KX-NT136/NT400 IP proprietary telephone

• KX-HGT100 SIP telephone

Note
Some models will be exported to limited regions. Please contact our dealer and confirm the availability of specific models in your region.

Option List for Legacy Gateways

Category	Model	Description	Legacy Gateway		
			KX-NCP500/1000	KX-TDE600/620, KX-TDA600/620	KX-TDE100/200, KX-TDA100/200
Legacy Gateway Cards	KX-NS0131	Stacking Card for KX-NCP Series	●	—	—
	KX-NS0132	Stacking Card for KX-TDE/TDA Series	—	●	●
Physical Trunk Cards	KX-NCP1180	4-Port Analogue Trunk Card	●	—	—
	KX-NCP1187	T1 Trunk Card	●	—	—
	KX-NCP1188	E1 Trunk Card	●	—	—
	KX-NCP1280	2-Port BRI Card	●	—	—
	KX-NCP1290	PRI Card	●	—	—
	KX-TDA0180	8-Port Analogue Trunk Card	—	—	●
	KX-TDA0181	16-Port Analogue Trunk Card	—	—	●
	KX-TDA0182	8-Port DID Card	—	●	●
	KX-TDA0183	4-Port Analogue Trunk Card	—	—	●
	KX-TDA0184	8-Port E & M Trunk Card	—	—	●
	KX-TDA0187	T1 Trunk Card	—	—	●
	KX-TDA0188	E1 Trunk Card	—	—	●
	KX-TDA0284	4-Port BRI Card	—	●	●
	KX-TDA0288	8-Port BRI Card	—	●	●
	KX-TDA0290	PRI Card	—	—	●
	KX-TDA6181	16-Port Analogue Trunk Card	—	●	—
Physical Extension Cards	KX-NCP1170	4-Port Digital Hybrid Extension Card	●	—	—
	KX-NCP1171	8-Port Digital Extension Card	●	—	—
	KX-NCP1172	16-Port Digital Extension Card	●	—	—
	KX-NCP1173	8-Port Single Line Telephone Extension Card	●	—	—
	KX-NCP1174	16-Port Single Line Telephone Extension Card	●	—	—
	KX-TDA0143	4-Cell Station Interface Card	—	●	●
	KX-TDA0144	8-Cell Station Interface Card	—	—	●
	KX-TDA0170	8-Port Digital Hybrid Extension Card	—	●	●
	KX-TDA0171	8-Port Digital Extension Card	—	●	●
	KX-TDA0172	16-Port Digital Extension Card	—	●	●
	KX-TDA0173	8-Port Single Line Telephone Extension Card	—	●	●
	KX-TDA0174	16-Port Single Line Telephone Extension Card	—	●	●
	KX-TDA0175	16-Port Single Line Telephone Extension with Message Lamp Card	—	—	●
	KX-TDA0177	16-Port Single Line Telephone Extension Card with Caller ID	—	●	●
	KX-TDA6174	16-Port Single Line Telephone Extension Card	—	●	—
	KX-TDA6175	16-Port Single Line Telephone Extension with Message Lamp Card	—	●	—
	KX-TDA6178	24-Port Single Line Telephone Extension Card with Caller ID	—	●	—
Other Physical Cards	KX-NCP1190	Optional 3-Slot Base Card	●	—	—
	KX-TDA0161	4-Port Doorphone Card	●	●	●
	KX-TDA0162	2-Port Doorphone Card (German Type)	●	●	●
	KX-TDA0164	4-Port External Input/Output Card	●	●	●
	KX-TDA0166	16-Channel Echo Canceller Card	●	—	—
	KX-TDA0168	Extension Caller ID Card	—	●	●
	KX-TDA0189	8-Port Caller ID/Pay Tone Card	—	—	●
	KX-TDA0190	Optional 3-Slot Base Card	—	●	●
	KX-TDA0193	8-Port Caller ID Card	—	●	●
	KX-TDA6166	1			