

### System Capacity

#### Maximum Trunks

The KX-NS700 supports the following number of trunks.

Type	Standalone/Slave Unit				One-look Networking <sup>*1</sup>
	KX-NS700	With 1 KX-NS720	With 2 KX-NS720	With 3 KX-NS720	
<b>Total Number of Trunks</b>	<b>102</b>	<b>138</b>	<b>174</b>	<b>210</b>	<b>600</b>
Legacy	38	74	110	146	600
BRI	16	32	48	64	600
PRI23	23	46	69	92	600
PRI30	30	60	90	120	600
E1	30	60	90	120	600
Analogue	12	24	36	48	600
IP	64	64	64	64	256
H.323	32	32	32	32	128
SIP	64	64	64	64	256

#### Maximum Terminal Equipment

The KX-NS700 supports the following number of terminal equipment.

Type	Standalone/Slave Unit				One-look Networking <sup>*1</sup>
	KX-NS700	With 1 KX-NS720	With 2 KX-NS720	With 3 KX-NS720	
<b>Extensions (DXDP<sup>*2</sup>)</b>	<b>166 (180)</b>	<b>198 (233)</b>	<b>230 (286)</b>	<b>262 (339)</b>	<b>1000</b>
Legacy (DXDP <sup>*2</sup> )	38 (52)	70 (105)	102 (158)	134 (211)	1000
SLT	36	68	100	132	1000
DPT (T76xx/DTSxx)(DXDP <sup>*2</sup> )	34 (48)	66 (101)	98 (154)	130 (207)	512 (1000)
APT	8	16	24	32	336
IP	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	1000
IP-PT	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	1000
IP Phone	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	32 <sup>*/128</sup> <sup>*4</sup>	1000
DSS Console	8	8	8	8	64
CS	40	48	56	64	128
DPT-CS (2 ch)	8	16	24	32	128
DPT-CS (8 ch)	4	8	12	16	64
IP-CS	32	32	32	32	128
PS	128	128	128	128	512
Built-in VM (ch) <sup>*3</sup>	2	2	2	2	-
Built-in UM (ch)	24	24	24	24	30
TVM Unit	2	2	2	2	8
Doorphone	2	4	6	8	80
Door Opener					
External Relay	2 <sup>*6</sup>	4 <sup>*6</sup>	6 <sup>*6</sup>	8 <sup>*6</sup>	80 <sup>*6</sup>
External Sensor	2	4	6	8	80

\*1 The NS1000 must be used as the master unit. \*2 When Digital XDP is used. \*3 If optional activation key KX-NSF991 is not activated. \*4 If optional activation key KX-NSF991 is activated. \*5 Cannot be used with a slave unit \*6 The total number of Door Openers and External Relays.

### Option List

#### Hardware

Component	Model No.	Installed in
DSP	S (63 resources)	DSP Card Slot
	M (127 resources)	
	L (254 resources)	
Storage Memory <sup>*1</sup>	XS (VM Recording Time: 40 hours)	Storage Memory Card Slot
	S (VM Recording Time: 200 hours)	
	M (VM Recording Time: 400 hours)	
Trunk	LCO76	Trunk/Doorphone Slot
	BRI2	
	BRI4	
	PRI23	
	PRI30/E1	
	DPH2	
	DPH2	
Extension	DHLC4	Extension Slot
	DLC8	
	DLC16	
	MCSLC8	
	MCSLC16	
Expansion Master Card	EXP-M	EXP-M Slot
Remote Modem	RMT	RMT Slot

#### Activation Keys

Component	Model No.	
Networking	OSIG Network	
	One-look Networking	
System Function	Call Centre Feature	
	Report <sup>*2</sup>	
	Remote Maintenance	
	Expansion Capacity	
	IP Trunk	
IP Telephone <sup>*4</sup>	IP PTs/IP Phones/ IP Camera/ IP Video Doorphone/ IP Softphones	
	IP PTs/IP Phones/ IP Camera/ IP Video Doorphone	
	3rd Party SIP Phones	
	Cellular Phone Extension	Mobile Extension

Component	Model No.	
IP-CS Channel Expansion	Channel Expansion (from 4 to 8 ch)	
CTI	CSTA Multiplexer	
	3rd Party CTI link	
Unified Messaging System	<b>Feature</b>	
	Two-way REC (Recording) Control	
	Message Backup	
	Unified Messaging Channel	
	<b>User (Mailbox) Activation Key</b>	
	E-mail (IMAP4) Client/ E-mail Notification	
	Two-way Recording/ Two-way Transfer	
	Communication Assistant	<b>User Activation Key</b>
		CA Basic-Express
		CA PRO
CA Supervisor		
CA Operator Console		
CA Network Plug-in		
CA Thin Client		
Standard (E-mail/Two-way Recording)		
Advanced (E-mail/Two-way Recording/Mobile/CA PRO)		
Mobile (E-mail/Mobile)		
Package		Mobile Softphone

\*1 Storage Memory for VM Recording, ACD Report, SMDR expansion.

\*2 Requires optional SD card.

\*3 Requires KX-NSF201 or KX-NSXF022.

\*4 IP PTs: KX-NT600/500/300 series IP proprietary phones, IP Phones: KX-HDV and KX-UT series, IP Camera/IP Video Doorphone: KX-NTV series

\*5 Preinstalled on system firmware versions 5.0 and later.

#### Activation Keys for UC Pro 2

Component	Model No.
UC Pro V2 User AK	5 users
	10 users
	25 users
	50 users
	75 users
UC Pro V2 Line AK	5 lines
	10 lines
	25 lines
	50 lines
	75 lines
	100 lines
	250 lines
	500 lines
	1000 lines
	Upgrading from UC Pro
10 users	
25 users	
50 users	
75 users	
100 users	
250 users	
500 users	
1000 users	

# Specifications

		KX-NS700	KX-NS720
Power Input		100 V AC to 130 V AC: 2.2 A/200 V AC to 240 V AC: 1.3 A; 50 Hz/60 Hz	
Power Consumption (when fully mounted)		Normal rated power 104 VA	
Memory Backup Duration		7 years	
Dialling	Trunk	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialling	
	Extension	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialling	
Mode Conversion		DP-DTMF, DTMF-DP	
Ring Frequency		20 Hz/25 Hz (selectable)	
Operating Environment	Temperature	0 °C to 40 °C	
	Humidity	10 % to 90 % (non-condensing)	
Conference Call Trunk		32 parties (default)/96 parties (DSP installed) (10 x 3-party conference call, 12 x 8-party conference call, etc.)	—
Music on Hold (MOH)		Internal MOH port: 8 ports (Level Control: -31.5 dB to +31.5 dB per 0.5 dB) External MOH port: 2 ports (Available exclusively with EPG [External Paging]) MOH: Selectable Internal/External Music Source port	—
External Paging		Maximum 2 ports (Volume Control: -15.5 dB to +15.5 dB per 0.5 dB) (Available exclusively with MOH)	—
LAN Port	1 (for LAN connection)	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	
Extension Connection Cable	SLT	1-pair wire (T, R)	
	DPT	1-pair wire (D1, D2)	
	APT	2-pair wire (T, R, D1, D2)	
	PT-interface CS	1-pair wire (D1, D2)	
	PT-interface CS (High-density)	4-pair wire (D1, D2)	
	DSS Console and Add-on Key Module	1-pair wire (D1, D2)	
Air-cooling Method		Fan	
Dimension		430 mm (W) x 335 mm (D) x 88 mm (H)	
Weight (when fully mounted)		Under 5.0 kg	

# System Feature Capacity

		Item	Capacity			Item	Capacity	
System	System	Absent Message—Extension	1 x 16 characters	ARS	ARS	Routing Plan Table	48 entries	
		Absent Message—System	8 x 16 characters			Leading Number Table	16 digits, 1,000 entries	
		Call Park Zone	100			Leading Number Exception Table	16 digits, 200 entries	
		Conference	3 – 8 parties per conference 32 parties (default)/96 parties (DSP installed)			ARS Carrier	48	
		COS	64			Itemised Billing Code	10 digits	
		DID/DDI Table	32 digits, 1,000 entries			Authorisation Code for Tenant	16 digits	
		Extension number	1 – 5 digits			Authorisation Code for Trunk Group	10 digits	
		Extension Personal Identification Number (PIN)	10 digits, 1 entry/extension			Call Log and Message Waiting	Outgoing Call Log—PT	100 records/extn. 1,520 records/system
		Host PBX Access Code	10 digits, 10 entries/trunk group				Outgoing Call Log—PS	100 records/extn. 640 records/system
		Multiple Subscriber Number (MSN)	10 entries per ISDN-BRI port				Incoming Call Log—PT	100 records/extn. 3,040 records/system
		Number of Characters of Name	20				Incoming Call Log—PS + Incoming Call Distribution Group	100 records/extn. or group Total 2,560 records/system
		Printing message	8				Message Waiting—PS + Incoming Call Distribution Group	256
		Queuing Time Table	64				Message Waiting—PT + SLT	256
		Ring Tone Pattern Plan	8			Voice Message	Outgoing Message (OGM)	64
		Simultaneous Programmers	• 1 system programmer + 63 personal programmers • 1 manager programmer + 63 personal programmers • 64 personal programmers				OGM Total Recording Time	Approx. 20 minutes
		Simultaneous Programmers (Web Maintenance Console)	• 1 Installer level account • 32 User (User) and User (Administrator) level accounts				Build-in Simplified Voice Message (SVM)	125 messages
		SMDR Call Storage	1,000 calls (Without SD card)/40,000 calls (With SD card)				SVM Total Recording Time	120 minutes
		Charge Record for Hotel	1,000 calls (Without SD card)/10,000 calls (With SD card)			Number of Channel for SVM	2 ch	
		Special Carrier Access Code	16 digits, 20 entries			Hospitality and Charge Management Features	Billing items for guest rooms	1,000 records/PBX (Without SD card)/ 10,000 records/PBX (With SD card)
		Tenant	8				Hotel Operator	4
		Time Service Holiday	24				Charge Rate	7 digits including a decimal
		Verification Code	4 digits, 1,000 entries			Networking	Charge Denomination	3 currency characters/symbols
		Verification Code Personal Identification Number (PIN)	10 digits, 1,000 entries				TIE Line Routing and Modification Table	32 entries
		Dialling	Dialling				Emergency Call	32 digits, 10 entries
Hot Line	32 digits			PBX Code	7 digits			
Key Pad Protocol Dial (ISDN Service Access)	32 digits			NDSS: Monitored PBXs	8			
Personal Speed Dialling	32 digits, 100 entries/extn.			NDSS: Registered Extensions for Monitor PBX	250			
Quick Dialling	8 digits, 4,000 entries			Unified Messaging	Mailboxes <sup>*1</sup>	500 subscriber mailboxes 1 System Manager mailbox 1 Message Manager mailbox		
Redial	32 digits				Total Recording Time	40h/200h/400h (SD XS/5/M)		
System Speed Dialling	32 digits, 1,000 entries/tenant	Maximum Message Length	1 - 60 min (programmable)					
One-touch Dialling—PT	32 digits, 5,000 entries/system	Number of Channel for UM	24 ch					
One-touch Dialling—PS	32 digits, 1,000 entries/system	Length of Personal Greeting	Max: 360s					
Groups	Groups	Conference Group	8 (31 members/group for Conference Group Mode, 32 members/group for Broadcast Mode)		Custom Service	Up to 200		
		User Group	32		Group Distribution List	User: 4 groups, 40 members per group System: 20 groups, 200 members per group		
		Call Pickup Group	64		Service Group	64 entries		
		Idle Extension Hunting Group	64 (16 extensions/group)		Unified Messaging Ports	24 ports		
		Incoming Call Distribution Group	128 (128 extensions/group)		Web Maintenance Console Accounts	Users (User)	492 accounts	
		Paging Group	32	Users (Administrator)		8 accounts		
		PS Ring Group	32	Installer		1 account		
		Trunk Group	64	Password (all account types)		4 – 16 characters		
		VM Group	1	ACD Report	Number of Call log for ACD report	300,000 <sup>*2</sup>		
		VM (DPT) Group	2 units x 12 ports (24 channels)					
VM (DTMF) Group	2 groups x 32 channels							
P2P Group	32							
TRS/Barring	TRS/Barring	TRS/Barring Level	7					
		TRS/Barring Denied Code	16 digits, 100 entries/level					
		TRS/Barring Exception Code	16 digits, 100 entries/level					

\*1 The maximum number of recordings that can be stored in each type of mailbox is 9,000.  
\*2 Basis of the number 5,000 (calls per day): Ex. 25 (agent) x 20 (call/hour-agent) x 10 (hour/day)  
A maximum of 12 months of ACD reports are saved and the exceeded data is deleted automatically.