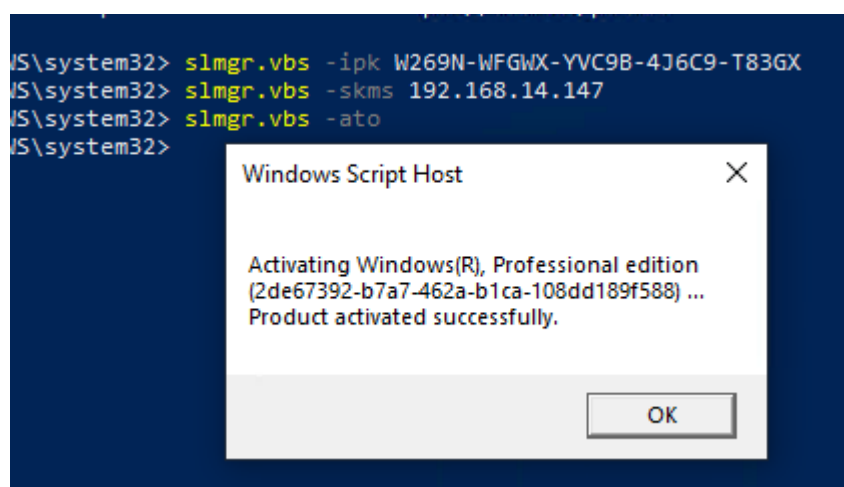


Для ручной активации Windows нужно задать GVLK ключ для вашей версии Windows, адрес сервера KMS активации и выполнить команду активации. Используются следующие команды (например, для Windows Server 2022 Std):

```
slmgr.vbs -ipk VDYBN-27WPP-V4HQT-9VMD4-VMK7H  
slmgr.vbs -skms 46.36.223.128  
slmgr.vbs -ato
```

После того, как вы выполните последнюю команду, появится надпись `Product activated successfully`. Это значит ваша копия Windows успешно активирована.



Проверить [статус активации Windows](#) можно командой:

```
slmgr.vbs -dlv
```

## Активация Microsoft Office

Для активации продуктов Office необходимо и достаточно установить ПО после активации Windows. или выполнить следующие команды

```
cscript ospp.vbs /sethst: 46.36.223.128  
cscript ospp.vbs /act
```

Проверить статус активации Office можно так:

```
cscript ospp.vbs /dstatusall
```

# Поддерживаемые продукты

## Windows 10 / 11

Product Names	EditionID	Generic Volume License Key
Education	Education	NW6C2-QMPVW-D7KKK-3GKT6-VCFB2
Education N	EducationN	2WH4N-8QGBV-H22JP-CT43Q-MDWWJ
Enterprise	Enterprise	NPPR9-FWDCX-D2C8J-H872K-2YT43
Enterprise N	EnterpriseN	DPH2V-TTNVB-4X9Q3-TJR4H-KHJW4
Enterprise G	EnterpriseG	YYVX9-NTFWV-6MDM3-9PT4T-4M68B
Enterprise G N	EnterpriseGN	44RPN-FTY23-9VTTB-MP9BX-T84FV
Enterprise LTSC 2016	EnterpriseS	DCPHK-NFMTC-H88MJ-PFHPY-QJ4BJ
Enterprise LTSC 2019	EnterpriseS	M7XTQ-FN8P6-TTKYV-9D4CC-J462D
Enterprise LTSC 2021	EnterpriseS	M7XTQ-FN8P6-TTKYV-9D4CC-J462D
Enterprise LTSC 2024	EnterpriseS	M7XTQ-FN8P6-TTKYV-9D4CC-J462D
Enterprise N LTSC 2016	EnterpriseSN	QFFDN-GRT3P-VKWWX-X7T3R-8B639
Enterprise N LTSC 2019	EnterpriseSN	92NFX-8DJQP-P6BBQ-THF9C-7CG2H
Enterprise N LTSC 2021	EnterpriseSN	92NFX-8DJQP-P6BBQ-THF9C-7CG2H
Enterprise N LTSC 2024	EnterpriseSN	92NFX-8DJQP-P6BBQ-THF9C-7CG2H
IoT Enterprise LTSC 2021 (19044.2788 and later)	IoTEnterpriseS	KBN8V-HFGQ4-MGXVD-347P6-PDQGT
IoT Enterprise LTSC 2024	IoTEnterpriseS	KBN8V-HFGQ4-MGXVD-347P6-PDQGT

<b>Product Names</b>	<b>EditionID</b>	<b>Generic Volume License Key</b>
Home	Core	TX9XD-98N7V-6WMQ6-BX7FG-H8Q99
Home N	CoreN	3KHY7-WNT83-DGQKR-F7HPR-844BM
Home China	CoreCountrySpecific	PVMJN-6DFY6-9CCP6-7BKTT-D3WVR
Home Single Language	CoreSingleLanguage	7HNRX-D7KGG-3K4RQ-4WPJ4-YTDFH
Lean	CloudE	NBTWJ-3DR69-3C4V8-C26MC-GQ9M6
Enterprise multi-session (17763 and later)	ServerRdsh	CPWHC-NT2C7-VYW78-DHDB2-PG3GK
Enterprise multi-session (17134 and before)	ServerRdsh	7NBT4-WGBQX-MP4H7-QXFF8-YP3KX
Pro	Professional	W269N-WFGWX-YVC9B-4J6C9-T83GX
Pro N	ProfessionalN	MH37W-N47XK-V7XM9-C7227-GCQG9
Pro Education	ProfessionalEducation	6TP4R-GNPTD-KYYHQ-7B7DP-J447Y
Pro Education N	ProfessionalEducationN	YVWGF-BXNMC-HTQYQ-CPQ99-66QFC
Pro for Workstations	ProfessionalWorkstation	NRG8B-VKK3Q-CXVCJ-9G2XF-6Q84J
Pro N for Workstations	ProfessionalWorkstationN	9FNHH-K3HBT-3W4TD-6383H-6XYWF
SE	CloudEdition	37D7F-N49CB-WQR8W-TBJ73-FM8RX
SE N	CloudEditionN	6XN7V-PCBDC-BDBRH-8DQY7-G6R44

## **Windows Server 2025 (LTSC)**

Product Names	EditionID	Generic Volume License Key
Windows Server 2025 Standard	ServerStandard	TVRH6-WHNVX-R9WG3-9XRFY-MY832
Windows Server 2025 Datacenter	ServerDatacenter	D764K-2NDRG-47T6Q-P8T8W-YP6DF
Windows Server 2025 Azure Core	ServerAzureCor	FCNV3-279Q9-BQB46-FTKXX-9HPRH
Windows Server 2025 Azure Datacenter	ServerTurbine	XGN3F-F394H-FD2MY-PP6FD-8MCRC

## Windows Server 2022 (LTSC)

Product Names	EditionID	Generic Volume License Key
Windows Server 2022 Datacenter	ServerDatacenter	WX4NM-KYWYW-QJJR4-XV3QB-6VM33
Windows Server 2022 Standard	ServerStandard	VDYBN-27WPP-V4HQT-9VMD4-VMK7H
Windows Server 2022 Azure Core	ServerAzureCor	6N379-GGTMK-23C6M-XVVTC-CKFRQ
Windows Server 2022 Azure Datacenter	ServerTurbine	NTBV8-9K7Q8-V27C6-M2BTV-KHMXV

## Windows Server 2019 (LTSC)

Product Names	EditionID	Generic Volume License Key
Windows Server 2019 Datacenter	ServerDatacenter	WMDGN-G9PQG-XVVXX-R3X43-63DFG
Windows Server 2019 Standard	ServerStandard	N69G4-B89J2-4G8F4-WWYCC-J464C
Windows Server 2019 Essentials	ServerSolution	WVDHN-86M7X-466P6-VHXV7-YY726
Windows Server 2019 Azure Core	ServerAzureCor	FDNH6-VW9RW-BXPJ7-4XTYG-239TB
Windows Server 2019 ARM64	ServerARM64	GRFBW-QNDC4-6QBHG-CCK3B-2PR88

## Windows Server 2016 (LTSC)

Product Names	EditionID	Generic Volume License Key
Windows Server 2016 ARM64	ServerARM64	K9FYF-G6NCK-73M32-XMVPY-F9DRR
Windows Server 2016 Datacenter	ServerDatacenter	CB7KF-BWN84-R7R2Y-793K2-8XDDG
Windows Server 2016 Standard	ServerStandard	WC2BQ-8NRM3-FDDYY-2BFGV-KHKQY
Windows Server 2016 Essentials	ServerSolution	JCKRF-N37P4-C2D82-9YXRT-4M63B
Windows Server 2016 Cloud Storage	ServerCloudStorage	QN4C6-GBJD2-FB422-GHWJK-GJG2R
Windows Server 2016 Azure Core	ServerAzureCor	VP34G-4NPPG-79JTQ-864T4-R3MQX

## Windows Server 23H2 (Annual Channel)

Product Names	EditionID	Generic Volume License Key
Windows Server Datacenter	ServerDatacenter	WX4NM-KYWYW-QJJR4-XV3QB-6VM33

## Windows Server 20H2, 2004, 1909, 1903, and 1809 (Semi-Annual Channel)

Product Names	EditionID	Generic Volume License Key
Windows Server Datacenter	ServerDatacenterACor	6NMRW-2C8FM-D24W7-TQWMY-CWH2D
Windows Server Standard	ServerStandardACor	N2KJX-J94YW-TQVFB-DG9YT-724CC

## Windows Server 1803 (Semi-Annual Channel)

Product Names	EditionID	Generic Volume License Key
Windows Server Datacenter	ServerDatacenterACor	2HXDN-KRXHB-GPYC7-YCKFJ-7FVDG

Product Names	EditionID	Generic Volume License Key
Windows Server Standard	ServerStandardACor	PTXN8-JFHJM-4WC78-MPCBR-9W4KR

## Windows Server 1709 (Semi-Annual Channel)

Product Names	EditionID	Generic Volume License Key
Windows Server Datacenter	ServerDatacenterACor	6Y6KB-N82V8-D8CQV-23MJW-BWTG6
Windows Server Standard	ServerStandardACor	DPCNP-XQFKJ-BJF7R-FRC8D-GF6G4

## Windows 8.1

EditionID	Generic Volume License Key
Enterprise	MHF9N-XY6XB-WVXMC-BTDCT-MKKG7
EnterpriseN	TT4HM-HN7YT-62K67-RGRQJ-JFFXW
Professional	GCRJD-8NW9H-F2CDX-CCM8D-9D6T9
ProfessionalN	HMCNV-VVBFX-7HMBH-CTY9B-B4FXY
EmbeddedIndustryA	VHXM3-NR6FT-RY6RT-CK882-KW2CJ
EmbeddedIndustry	NMMPB-38DD4-R2823-62W8D-VXKJB
EmbeddedIndustryE	FNFKF-PWTVT-9RC8H-32HB2-JB34X
CoreARM	XYTND-K6QKT-K2MRH-66RTM-43JKP
CoreN	7B9N3-D94CG-YTVHR-QBPX3-RJP64
CoreCountrySpecific	NCTT7-2RGK8-WMHRF-RY7YQ-JTXG3
CoreSingleLanguage	BB6NG-PQ82V-VRDPW-8XVD2-V8P66
Core	M9Q9P-WNJJT-6XPY-DWX8H-6XWKK
ProfessionalWMC	789NJ-TQK6T-6XTH8-J39CJ-J8D3P
CoreConnected	3PY8R-QHNP9-W7XQD-G6DPH-3J2C9
CoreConnectedN	Q6HTR-N24GM-PMJFP-69CD8-2GXKR
CoreConnectedSingleLanguage	KF37N-VDV38-GRRTV-XH8X6-6F3BB
CoreConnectedCountrySpecific	R962J-37N87-9VVK2-WJ74P-XTMHR
ProfessionalStudent	MX3RK-9HNGX-K3QKC-6PJ3F-W8D7B
ProfessionalStudentN	TNFGH-2R6PB-8XM3K-QYHX2-J4296

## Windows Server 2012 R2

EditionID	Generic Volume License Key
ServerStandard	D2N9P-3P6X9-2R39C-7RTCD-MDVJX
ServerDatacenter	W3GGN-FT8W3-Y4M27-J84CP-Q3VJ9
ServerSolution	KNC87-3J2TX-XB4WP-VCPJV-M4FWM
ServerCloudStorage	3NPTF-33KPT-GGBPR-YX76B-39KDD

## Windows 8

EditionID	Generic Volume License Key
Enterprise	32JNW-9KQ84-P47T8-D8GGY-CWCK7
EnterpriseN	JMNMF-RHW7P-DMY6X-RF3DR-X2BQT
Professional	NG4HW-VH26C-733KW-K6F98-J8CK4
ProfessionalN	XCVCF-2NXM9-723PB-MHCB7-2RYQQ
EmbeddedIndustry	RYXVT-BNQG7-VD29F-DBMRY-HT73M
EmbeddedIndustryE	NKB3R-R2F8T-3XCDP-7Q2KW-XWYQ2
CoreARM	DXHJF-N9KQX-MFPVR-GHGQK-Y7RKV
CoreN	8N2M2-HWPGY-7PGT9-HGDD8-GVGGY
CoreCountrySpecific	4K36P-JN4VD-GDC6V-KDT89-DYFKP
CoreSingleLanguage	2WN2H-YGCQR-KFX6K-CD6TF-84YXQ
Core	BN3D2-R7TKB-3YPBD-8DRP2-27GG4
ProfessionalWMC	GNBB8-YVD74-QJHX6-27H4K-8QH DG

## Windows Server 2012

EditionID	Generic Volume License Key
ServerStandard	XC9B7-NBPP2-83J2H-RHMBY-92BT4
ServerDatacenter	48HP8-DN98B-MYWDG-T2DCC-8W83P
ServerSolution	HTDQM-NBMMG-KGYDT-2DTKT-J2MPV
ServerMultiPointStandard	HM7DN-YVMH3-46JC3-XYTG7-CYQJJ
ServerMultiPointPremium	XNH6W-2V9GX-RGJ4K-Y8X6F-QGJ2G

## Windows 7

EditionID	Generic Volume License Key
Enterprise	33PXH-7Y6KF-2VJC9-XBBR8-HVTHH
EnterpriseN	YDRBP-3D83W-TY26F-D46B2-XCKRJ
Professional	FJ82H-XT6CR-J8D7P-XQJJ2-GPDD4
ProfessionalN	MRPKT-YTG23-K7D7T-X2JMM-QY7MG
Embedded_POSReady	YBYF6-BHCR3-JPKRB-CDW7B-F9BK4
Embedded_Standard	XGY72-BRBBT-FF8MH-2GG8H-W7KCW
Embedded_ThinPC	73KQT-CD9G6-K7TQG-66MRP-CQ22C
ProfessionalE	W82YF-2Q76Y-63HXB-FGJG9-GF7QX
EnterpriseE	C29WB-22CC8-VJ326-GHFJW-H9DH4

## Windows Server 2008 R2

EditionID	Generic Volume License Key
ServerStandard	YC6KT-GKW9T-YTKYR-T4X34-R7VHC
ServerDatacenter	74YFP-3QFB3-KQT8W-PMXWJ-7M648
ServerEnterprise	489J6-VHDMP-X63PK-3K798-CPX3Y
ServerDatacenterCore	74YFP-3QFB3-KQT8W-PMXWJ-7M648
ServerStandardCore	YC6KT-GKW9T-YTKYR-T4X34-R7VHC
ServerEnterpriseCore	489J6-VHDMP-X63PK-3K798-CPX3Y
ServerEnterpriseIA64	GT63C-RJFQ3-4GMB6-BRFB9-CB83V
ServerWeb	6TPJF-RBVHG-WBW2R-86QPH-6RTM4
ServerHPC	TT8MH-CG224-D3D7Q-498W2-9QCTX
ServerWebCore	6TPJF-RBVHG-WBW2R-86QPH-6RTM4
ServerEmbeddedSolution	736RG-XDKJK-V34PF-BHK87-J6X3K

## Office 2010

EditionID	Generic Volume License Key
AccessVL	V7Y44-9T38C-R2VJK-666HK-T7DDX
ExcelVL	H62QG-HXVKF-PP4HP-66KMR-CW9BM



<b>EditionID</b>	<b>Generic Volume License Key</b>
GrooveVL	QYYW6-QP4CB-MBV6G-HYMCJ-4T3J4
InfoPathVL	K96W8-67RPQ-62T9Y-J8FQJ-BT37T
MondoVL	YBJTT-JG6MD-V9Q7P-DBKXJ-38W9R
OneNoteVL	Q4Y4M-RHWJM-PY37F-MTKWH-D3XHX
OutlookVL	7YDC2-CWM8M-RRTJC-8MDVC-X3DWQ
PowerPointVL	RC8FX-88JRY-3PF7C-X8P67-P4VTT
ProjectProVL	YGX6F-PGV49-PGW3J-9BTGG-VHKC6
ProjectStdVL	4HP3K-88W3F-W2K3D-6677X-F9PGB
ProPlusVL	VYBBJ-TRJPB-QFQRF-QFT4D-H3GVB
PublisherVL	BFK7F-9MYHM-V68C7-DRQ66-83YTP
SmallBusBasicsVL	D6QFG-VBYP2-XQHM7-J97RH-VVRCK
StandardVL	V7QKV-4XVVR-XYV4D-F7DFM-8R6BM
VisioSIVL	D9DWC-HPYVV-JGF4P-BTWQB-WX8BJ
WordVL	HVHB3-C6FV7-KQX9W-YQG79-CRY7T

## Office 2013

<b>EditionID</b>	<b>Generic Volume License Key</b>
AccessVolume	NG2JY-H4JBT-HQXYP-78QH9-4JM2D
ExcelVolume	VGPNG-Y7Hqw-9RHP7-TKPV3-BG7GB
GrooveVolume	H7R7V-WPNXQ-WCYyc-76BGV-VT7GH
InfoPathVolume	DKT8B-N7VXH-D963P-Q4PHY-F8894
LyncVolume	2MG3G-3BNtt-3MFW9-KDQW3-TCK7R
MondoRetail	CWH2Y-NPYJW-3C7HD-BJQWB-G28JJ
MondoVolume	42QTK-RN8M7-J3C4G-BBGYM-88CYV
OneNoteVolume	TGN6P-8MMBC-37P2F-XHXXK-P34VW
OutlookVolume	QPN8Q-BJBTJ-334K3-93TGY-2PMBT
PowerPointVolume	4NT99-8RJFH-Q2VDH-KYG2C-4RD4F
ProjectProVolume	FN8TT-7WMH6-2D4X9-M337T-2342K
ProjectStdVolume	6NTH3-CW976-3G3Y2-JK3TX-8QHTT
ProPlusVolume	YC7DK-G2NP3-2QQC3-J6H88-GVGXT
PublisherVolume	PN2WF-29XG2-T9HJ7-JQPJR-FCXK4

<b>EditionID</b>	<b>Generic Volume License Key</b>
StandardVolume	KBKQT-2NMXY-JJWGP-M62JB-92CD4
VisioProVolume	C2FG9-N6J68-H8BTJ-BW3QX-RM3B3
VisioStdVolume	J484Y-4NKBF-W2HMG-DBMJC-PGWR7
WordVolume	6Q7VD-NX8JD-WJ2VH-88V73-4GBJ7

## Office 2016

<b>EditionID</b>	<b>Generic Volume License Key</b>
AccessVolume	GNH9Y-D2J4T-FJHGG-QRVH7-QPFDW
ExcelVolume	9C2PK-NWTVB-JMPW8-BFT28-7FTBF
MondoRetail	DMTCJ-KNRKX-26982-JYCKT-P7KB6
MondoVolume	HFTND-W9MK4-8B7MJ-B6C4G-XQBR2
OneNoteVolume	DR92N-9HTF2-97XKM-XW2WJ-XW3J6
OutlookVolume	R69KK-NTPKF-7M3Q4-QYBHW-6MT9B
PowerPointVolume	J7MQP-HNJ4Y-WJ7YM-PFYGF-BY6C6
ProjectProVolume	YG9NW-3K39V-2T3HJ-93F3Q-G83KT
ProjectProXVolume	WGT24-HCNMF-FQ7XH-6M8K7-DRTW9
ProjectStdVolume	GNFHQ-F6YQM-KQDGJ-327XX-KQBVC
ProjectStdXVolume	D8NRQ-JTYM3-7J2DX-646CT-6836M
ProPlusVolume	XQNVK-8JYDB-WJ9W3-YJ8YR-WFG99
PublisherVolume	F47MM-N3XJP-TQXJ9-BP99D-8K837
SkypeforBusinessVolume	869NQ-FJ69K-466HW-QYCP2-DDBV6
StandardVolume	JNRGM-WHDWX-FJJG3-K47QV-DRTFM
VisioProVolume	PD3PC-RHNGV-FXJ29-8JK7D-RJRJK
VisioProXVolume	69WXN-MBYV6-22PQG-3WGHK-RM6XC
VisioStdVolume	7WHWN-4T7MP-G96JF-G33KR-W8GF4
VisioStdXVolume	NY48V-PPYYH-3F4PX-XJRKJ-W4423
WordVolume	WXY84-JN2Q9-RBCCQ-3Q3J3-3PFJ6

## Office 2019

<b>EditionID</b>	<b>Generic Volume License Key</b>
Access2019Volume	9N9PT-27V4Y-VJ2PD-YXFMF-YTFQT
Excel2019Volume	TMJWT-YYNMB-3BKTF-644FC-RVXBD
Outlook2019Volume	7HD7K-N4PVK-BHBCQ-YWQRW-XW4VK
PowerPoint2019Volume	RRNCX-C64HY-W2MM7-MCH9G-TJHMQ
ProjectPro2019Volume	B4NPR-3FKK7-T2MBV-FRQ4W-PKD2B
ProjectStd2019Volume	C4F7P-NCP8C-6CQPT-MQHV9-JXD2M
ProPlus2019Volume	NMMKJ-6RK4F-KMJVX-8D9MJ-6MWKP
Publisher2019Volume	G2KWX-3NW6P-PY93R-JXK2T-C9Y9V
SkypeforBusiness2019Volume	NCJ33-JHBBY-HTK98-MYCV8-HMKHJ
Standard2019Volume	6NWWJ-YQWMR-QKGCB-6TMB3-9D9HK
VisioPro2019Volume	9BGNQ-K37YR-RQHF2-38RQ3-7VCBB
VisioStd2019Volume	7TQNQ-K3YQQ-3PFH7-CCPPM-X4VQ2
Word2019Volume	PBX3G-NWMT6-Q7XBW-PYJGG-WXD33

## Office 2021

<b>EditionID</b>	<b>Generic Volume License Key</b>
Access2021Volume	WM8YG-YNGDD-4JHDC-PG3F4-FC4T4
Excel2021Volume	NWG3X-87C9K-TC7YY-BC2G7-G6RVC
Outlook2021Volume	C9FM6-3N72F-HFJXB-TM3V9-T86R9
PowerPoint2021Volume	TY7XF-NFRBR-KJ44C-G83KF-GX27K
ProjectPro2021Volume	FTNWT-C6WBT-8HMGF-K9PRX-QV9H8
ProjectStd2021Volume	J2JDC-NJCY-9RGQ4-YXWMH-T3D4T
ProPlus2021Volume	FXYTK-NJJ8C-GB6DW-3DYQT-6F7TH
Publisher2021Volume	2MW9D-N4BXM-9VBPG-Q7W6M-KFBGQ
SkypeforBusiness2021Volume	HWCXN-K3WBT-WJBKY-R8BD9-XK29P
Standard2021Volume	KDX7X-BNVR8-TXXGX-4Q7Y8-78VT3
VisioPro2021Volume	KNH8D-FGHT4-T8RK3-CTDYJ-K2HT4
VisioStd2021Volume	MJVNY-BYWPY-CWV6J-2RKRT-4M8QG
Word2021Volume	TN8H9-M34D3-Y64V9-TR72V-X79KV

# Office 2024

<b>EditionID</b>	<b>Generic Volume License Key</b>
ProPlus2024Volume-Preview	2TDPW-NDQ7G-FMG99-DXQ7M-TX3T2
ProjectPro2024Volume-Preview	D9GTG-NP7DV-T6JP3-B6B62-JB89R
VisioPro2024Volume-Preview	YW66X-NH62M-G6YFP-B7KCT-WXGKQ
Access2024Volume	82FTR-NCHR7-W3944-MGRHM-JMCWD
Excel2024Volume	F4DYN-89BP2-WQTWJ-GR8YC-CKGJG
Outlook2024Volume	D2F8D-N3Q3B-J28PV-X27HD-RJWB9
PowerPoint2024Volume	CW94N-K6GJH-9CTXY-MG2VC-FYCWP
ProjectPro2024Volume	NBBBB-BBBBB-BBBBB-BBBH4-GX3R4 (Generated)
ProjectStd2024Volume	PD3TT-NTHQQ-VC7CY-MFXK3-G87F8
ProPlus2024Volume	NBBBB-BBBBB-BBBBB-BBBJD-VXRPM (Generated)
SkypeforBusiness2024Volume	4NKHF-9HBQF-Q3B6C-7YV34-F64P3
Standard2024Volume	V28N4-JG22K-W66P8-VTMGK-H6HGR
VisioPro2024Volume	NBBBB-BBBBB-BBBBB-BBBCW-6MX6T (Generated)
VisioStd2024Volume	JMMVY-XFNQC-KK4HK-9H7R3-WQQTV
Word2024Volume	MQ84N-7VYDM-FXV7C-6K7CC-VFW9J