

Galaxy Note20 5G(N981U1) Application List

Application	Package	Version
android.auto_generated_rro_vendor_	android.auto_generated_rro_vendor_	1.0
com.qualcomm.timeservice	com.qualcomm.timeservice	10
PartnerNetflixActivation	com.netflix.partner.activation	1.0.0
bootagent	com.samsung.ucs.agent.boot	10
Favourite Contacts	com.sec.android.widgetapp.easymodecontactswidget	11.0.17
eSE UCS Plugin	com.samsung.ucs.agent.es	1.0
com.qualcomm.atfwd	com.qualcomm.atfwd	10
com.google.ar.core	com.google.ar.core	0
Samsung ApexService	com.sec.android.app.apex	3.2.05
Main components	com.google.android.modulemetadata	2020-05-01
BBCAgent	com.samsung.android.bbc.bbcagent	5.0.00.14
Filter Provider	com.samsung.android.provider.filterprovider	5.0.11
Calendar	com.samsung.android.calendar	11.5.00.49000
Samsung Kids Installer	com.samsung.android.kidsinstaller	10.2.27.3
W" BixbyW" voice wake-up	com.samsung.android.bixby.wakeup	2.1.20.18
com.sec.enterprise.knox.attestation	com.sec.enterprise.knox.attestation	1.0.3
Samsung Internet	com.sec.android.app.sbrowser	12.0.1.48
Auto Hotspot	com.sec.mhs.smarttethering	1.0.82.0
Samsung Notes	com.samsung.android.app.notes	4.0.01.76
FACM	com.samsung.android.aircommandmanager	1.2.50
Perso	com.sec.android.app.personalization	10
MDE Service Framework	com.samsung.android.mdx.kit	1.1.27.6
USBSettings	com.sec.usbsettings	1.0
Wi-Fi Direct	com.samsung.android.allshare.service.fileshare	2.0.00.91
Secure UI Service	com.qualcomm.qti.services.secureui	2.6.0
Tools	com.sec.android.app.quicktool	8.1.44
Quick Share	com.samsung.android.aware.service	1.0.11.82
android.autoinstalls.config.samsung	android.autoinstalls.config.samsung	0000
Knox Enrollment Service	com.sec.enterprise.knox.cloudmdm.smdms	2.1.04
Assisted Dialing	com.sec.providers.assisteddialing	10
Clock	com.sec.android.app.clockpackage	11.0.01.4
Wireless Emergency Alerts	com.sec.android.app.cmas	10.0.33.2
Wi-Fi Tips	com.samsung.android.net.wifi.wifiguider	1.4.00.158
Subscription Calendars	com.samsung.android.opencalendar	11.5.00.22
Smart View	com.samsung.android.smartmirroring	8.2.10.20
SecurityLogAgent	com.samsung.android.securitylogagent	9.0.00.3
HTML Viewer	com.android.htmlviewer	3.0.03
SamsungOne	com.monotype.android.font.samsungone	1.1.01.0
Sim App Dialog	com.android.simappdialog	10
Safety Information	com.samsung.safetyinformation	3.0.28.0
ShortcutBNR	com.samsung.android.shortcutbackupservice	10
Link Sharing	com.samsung.android.app.simplesharing	11.5.00.24
PacProcessor	com.android.pacprocessor	10
Android Shared Library	com.google.android.ext.shared	1
com.sec.vsimservice	com.sec.vsimservice	1.0
DumpCollector	com.samsung.carrier.logcollector	3.6.02
com.sec.bcbservice	com.sec.bcbservice	2.0
Briefing	flipboard.boxer.app	3.2.8

Android Q Easter Egg	com.android.egg	1.0
com.android.wallpaperbackup	com.android.wallpaperbackup	10
Cameralyzer	com.sec.factory.cameralyzer	3.1.20.6240
Motion wide-angle selfie viewer	com.samsung.android.app.selfmotionpanoramaviewer	2.1.00.1
Nearby Service	com.samsung.android.allshare.service.mediashare	2.2
Dual Messenger	com.samsung.android.da.daagent	3.0.00.0
AR Doodle	com.samsung.android.ardrawing	2.1.01.5
AASAservice	com.samsung.aasaservice	12.1
Hiya Service	com.hiya.star	2.6.4-samsung-642
Honey Board	com.samsung.android.honeyboard	5.1.00.56
Photo Screensavers	com.android.dreams.phototable	10
Video Trimmer	com.samsung.app.newtrim	2.4.39.0
Keyboard Content Center	com.samsung.android.icecone	1.2.00.35
Companion Device Manager	com.android.companiondevicemanager	10
Samsung Blockchain Keystore	com.samsung.android.coldwalletservice	1.2.07.5
SilentLogging	com.sec.modem.settings	1.0.1
Print Service Recommendation Service	com.google.android.printservice.recommendation	1.3.0
Glance	com.samsung.android.service.pentastic	1.0.0
Apps	com.samsung.android.visionarapps	1.3.00.9
Enterprise Sim Pin Service	com.sec.enterprise.mdm.services.simpin	10
BluetoothTest	com.sec.android.app.bluetoothtest	10
Bluetooth MIDI Service	com.android.bluetoothmidiservice	10
com.sec.android.app.chromecustomizations	com.sec.android.app.chromecustomizations	3.0.25
Bixby Vision	com.samsung.android.visionintelligence	3.7.00.11
IOTHiddenMenu	com.sec.hiddenmenu	10
Print Spooler	com.android.printspooler	10
CarrierDefaultApp	com.android.carrierdefaultapp	10
Netflix	com.netflix.mediaclient	1.0.0
Smart Switch Agent	com.sec.android.easyMover.Agent	1.6.08.33
Certificate Installer	com.android.certinstaller	10
Default Print Service	com.android.bips	10
Facebook App Manager	com.facebook.appmanager	55.1.0
Live Transcribe	com.google.audio.hearing.visualization.accessibility.scribe	2.1.280505551
SmartFittingService	com.samsung.android.smartfitting	1.3.00
Create movie	com.samsung.app.highlightplayer	3.4.48.0
MDMApp	com.samsung.android.mdm	1.0
System updates	com.samsung.sdm	3.0
EmergencyProvider	com.sec.android.provider.emergencymode	3.0.07
com.android.cts.ctsshim	com.android.cts.ctsshim	9-5374186
Reminder	com.samsung.android.app.reminder	11.5.00.41000
SimMobilityKit	com.samsung.ims.smk	1.3.20
Key Chain	com.android.keychain	10
Samsung Notes Addons	com.samsung.android.app.notes.addons	1.0.00.32
DRParser Mode	com.sec.android.app.parser	11.0.00.16
Weather	com.sec.android.daemonapp	1.6.24.36
slocation	com.samsung.android.location	1.4.00
com.samsung.android.brightnessbackupservice	com.samsung.android.brightnessbackupservice	10
AR Zone	com.samsung.android.arzone	1.0.00.74
AppLinker	com.sec.android.app.applinker	2.1.05
com.qualcomm.embms	com.qualcomm.embms	1.0
Live Message	com.samsung.android.service.livedrawing	3.2.22
com.samsung.android.container	com.samsung.android.container	10
Dictionary	com.diotek.sec.lookup.dictionary	3.002.009

Bluetooth	com.android.bluetooth	10
HandwritingService	com.samsung.android.sdk.handwriting	2.3.18.2
OCR Service	com.sec.android.app.ocrservice	1.4.11.0
SCPM Client	com.samsung.android.sm.policy	3.2.13
Sound picker	com.samsung.android.app.soundpicker	10.0.00.49
Foundation	com.monotype.android.font.foundation	2.3.02.0
Video Editor	com.sec.android.app.vepreload	3.4.48.0
Samsung capture	com.samsung.android.app.smartcapture	4.2.22
FactoryCamera	com.sec.factory.camera	3.4.07
OsuLogin	com.android.hotspot2	10
Wearable Manager Installer	com.samsung.android.app.watchmanagerstub	2.1.01.19006
Select background music	com.sec.android.app.ve.vebgm	1.0.42.0
Service provider location	com.sec.location.nfwlocationprivacy	1.0.10
Samsung Notes Extension	com.samsung.android.app.notesx	1.0.00.8
Wi-Fi Calling	com.sec.unifiedwfc	6.5.14.4
EasyOneHand	com.sec.android.easyonehand	5.0
Slow motion editor	com.samsung.app.slowmotion	3.5.08.0
TetheringAutomation	com.sec.automation	2.0.1
Samsung Daily	com.samsung.android.app.spage	4.2.01.14
SetupWizardLegalProvider	com.sec.android.app.setupwizardlegalprovider	2.0.04.0
Clipboard edge	com.samsung.android.app.clipboardedge	1.6.07
QDCM-FF	com.qti.snapdragon.qdcm_ff	1.0
System Tracing	com.android.traceur	1.0
Autofill with Samsung Pass	com.samsung.android.samsungpassautofill	2.5.00.10
com.android.providers.partnerbookmarks	com.android.providers.partnerbookmarks	10
Samsung text-to-speech engine	com.samsung.SMT	3.0.08.14
Launcher	com.sec.android.emergencylauncher	8.0.18
WlanTest	com.sec.android.app.wlantest	1.1.0
com.android.se	com.android.se	10
Dsms	com.samsung.android.dsms	1.5.06
IMS Settings	com.samsung.advp.imssettings	1.0
Basic Daydreams	com.android.dreams.basic	10
CaptivePortalLogin	com.android.captiveportallogin	2019-09
Automation Test	com.sec.android.app.DataCreate	1.0
SIM Toolkit	com.android.stk	10
SecVideoEngineService	com.sec.sve	1.0
Motion panorama viewer	com.samsung.android.app.motionpanoramaviewer	2.1.00.3
Motion photo Viewer	com.samsung.android.motionphoto.viewer	1.0.19
NFC	com.android.nfc	10
com.sec.phone	com.sec.phone	1.0
SplitSoundService	com.sec.android.splitsound	1.0
EmergencyManagerService	com.sec.android.emergencymode.service	9.0.50
Call & text on other devices	com.samsung.android.mdecservice	2.6.00.11
Bookmark Provider	com.android.bookmarkprovider	10
com.vzw.apnlib	com.vzw.apnlib	13.6
Android System	android	10
Always On Display	com.samsung.android.app.aodservice	5.2.53
AR Emoji	com.samsung.android.aremoji	4.5.00.29
AR Emoji Editor	com.samsung.android.aremojieditor	4.1.00.12
Accessibility	com.samsung.accessibility	11.5.00.17
Air command	com.samsung.android.service.aircommand	5.1.37
Magnify	com.samsung.android.app.readingglass	1.3.24
AiR	com.samsung.android.air	1.3.01.2

Apps	com.samsung.android.app.appsedge	6.0.35
Authentication Framework	com.samsung.android.authfw	2.5.00.14
AutoDoodle	com.sec.android.autodoodle.service	2.7.26.0
AR Emoji Stickers	com.sec.android.mimage.avatarstickers	2.8.27.8
com.android.backupconfirm	com.android.backupconfirm	10
BadgeProvider	com.sec.android.provider.badge	2.1.00.7
SmartThings	com.samsung.android.beaconmanager	10.0.41.0
com.samsung.android.biometrics.app.setting	com.samsung.android.biometrics.app.setting	1.0.0
Bixby Voice	com.samsung.android.bixby.agent	2.3.19.18
Bixby Voice Stub	com.samsung.android.bixby.agent.dummy	1.0.02.0
Bixby Service	com.samsung.android.bixby.service	2.4.15.36
BixbyVision Framework	com.samsung.android.bixbyvision.framework	3.5.07.57
Blocked Numbers Storage	com.android.providers.blockednumber	10
Blue light filter	com.samsung.android.bluelightfilter	3.0.0
CIDManager	com.samsung.android.cidmanager	10
CMHProvider	com.samsung.cmh	5.1.14
CSC	com.samsung.sec.android.application.csc	1.0.1.0
CallContentProvider	com.samsung.android.incall.contentprovider	11.5.00.1
Call Log Backup/Restore	com.android.calllogbackup	10
com.android.carrierconfig	com.android.carrierconfig	1.0.0
Chameleon	com.samsung.sprint.chameleon	4.1.1
ClipboardSaveService	com.samsung.clipboardsaveservice	1.0
ClipboardUIService	com.samsung.android.clipboarduiservice	10
Edge screen	com.samsung.android.app.cocktailbarservice	6.0.29.1
Work profile	com.samsung.android.knox.containeragent	2.7.05001015
com.android.cts.priv.ctsshim	com.android.cts.priv.ctsshim	9-5374186
DeX for PC	com.sec.android.app.dexonpc	1.3.00.27
Samsung DeX	com.sec.android.desktopmode.uiservice	3.8.27.6
DeviceKeystring	com.sec.android.app.factorykeystring	10
DQA	com.samsung.android.dqagent	1.3.05
DeviceTest	com.sec.factory	10
DiagMonAgent	com.sec.android.diagmonagent	6.7.04
Samsung Digital Key	com.samsung.android.digitalkey	1.0.00.22
Digital Wellbeing and parental controls	com.samsung.android.forest	1.4.01.24
Downloads	com.android.providers.downloads.ui	10
Wallpapers	com.samsung.android.app.dressroom	1.2.13
Live focus	com.samsung.android.app.dofviewer	5.0.44
Wallpaper services	com.samsung.android.dynamiclock	3.2.03.27
Dynamic System Updates	com.android.dynsystem	10
TestWandFota	com.samsung.android.app.earphonetypec	1.1.54
Nearby device scanning	com.samsung.android.easyssetup	10.0.41.0
Emergency information	com.android.emergency	10
emojiupdater	com.samsung.android.emojiupdater	1.0.00.0
com.samsung.android.knox.attestation	com.samsung.android.knox.attestation	1.1.00.14
com.sec.epdg	com.sec.epdg	10
EsimClient	com.samsung.android.app.telephonyui.esimclient	11.5.05.4
External Storage	com.android.externalstorage	10
Facebook App Installer	com.facebook.system	55.1.0
Facebook Services	com.facebook.services	54.0.12
FaceService	com.samsung.faceservice	4.1.06
Secure Wi-Fi	com.samsung.android.fast	6.0.00.11
Finder	com.samsung.android.app.galaxyfinder	9.5.23
Find My Mobile	com.samsung.android.fmm	7.2.04.17

Software update	com.wssyncmldm	3.6.07
Fused Location	com.android.location.fused	10
Galaxy Store	com.sec.android.app.samsungapps	4.5.18.6
Galaxy GameDriver	com.samsung.gamedriver.S11Adreno650	10.0.00.1
Game Launcher	com.samsung.android.game.gamehome	4.2.03.5
Game Optimizing Service	com.samsung.android.game.gos	3.1.36
Game Booster	com.samsung.android.game.gametools	2.7.00.5
Files	com.google.android.documentsui	q_release_aml_patch_291602100
Android Services Library	com.google.android.ext.services	q_pr1-release_aml_291900801
Package installer	com.google.android.packageinstaller	10-6052471
Permission controller	com.google.android.permissioncontroller	q_pr1-release_aml_291900801
Tags	com.samsung.android.service.tagsservice	1.5.25
HdmApp	com.samsung.android.hdmapp	1.0.00.6
Health Service	com.sec.android.service.health	2.1.4.009
Adapt Sound	com.sec.hearingadjust	9.0.48
HwModuleTest	com.sec.android.app.hwmoduletest	10
IPService	com.samsung.ipsservice	3.1.14
ImsLogger	com.sec.imslogger	1.20170701
com.sec.ims	com.sec.ims	1.0
NetworkStack	com.android.networkstack.inprocess	10
Input Devices	com.android.inputdevices	10
SmartFPSAdjuster	com.sec.android.smartfpsadjuster	10
IpsGeofence	com.samsung.android.ipsgeofence	4.1.00.7
KLMS Agent	com.samsung.klmsagent	3.4.19321
KnoxCore	com.samsung.android.knox.containercore	1.0
Samsung DeX Home	com.sec.android.app.desktoplauncher	3.0.02.48
Payment Services	com.samsung.android.kgclient	2.2.30
Knox Key Chain	com.samsung.knox.keychain	10
KnoxPushManager	com.samsung.android.knox.pushmanager	1.0.00.17
com.test.LTEfunctionality	com.test.LTEfunctionality	1.0
LED Cover Service	com.sec.android.cover.ledcover	1.4.31
Link to Windows Service	com.samsung.android.mdx	2.0.00.10
DECO PIC	com.samsung.android.livestickers	1.5.00.38
com.android.localtransport	com.android.localtransport	10
Carrier Login Engine	com.verizon.loginengine.unbranded	4.7.4.0
Work Setup	com.android.managedprovisioning	10
Samsung Galaxy Friends	com.samsung.android.mateagent	2.1.12.13
mlp	com.samsung.mlp	4.1.01
Media Storage	com.android.providers.media	10
MmsService	com.android.mms.service	10
MobileWips	com.samsung.android.server.wifi.mobilewips.client	1.0.30.0
Service mode RIL	com.sec.android.RilServiceModeApp	10
MTP application	com.samsung.android.MtpApplication	1.0
MTP Host	com.android.mtp	10
Separate app sound	com.samsung.android.setting.multisound	2.0.01.1
NSDSWebApp	com.sec.vsim.ericssonnsds.webapp	1.3.05.0
Samsung Location SDK	com.sec.location.nsflp2	5.2.13
NetworkDiagnostic	com.samsung.android.networkdiagnostic	2.5.04.3
Configuration update	com.samsung.android.app.omcagent	5.2.64
com.android.ons	com.android.ons	10
Configuration message	com.wsomacp	7.3.07
OMADM	com.sec.omadmspr	5.3
OneDrive	com.microsoft.skydrive	6.5.1

Samsung PaymentFramework	com.samsung.android.spayfw	2.8.69
People edge	com.samsung.android.service.peoplestripe	11.9.08.13
RilNotifier	com.sec.app.RilErrorNotifier	1.0.0
Photo Editor	com.sec.android.mimage.photoretouching	2.8.26.43
com.android.networkstack.permissionconfig	com.android.networkstack.permissionconfig	2019-09
Application installer	com.sec.android.preloadinstaller	10
ProxyHandler	com.android.proxyhandler	10
com.qualcomm.qti.gpudrivers.sm8250.api29	com.qualcomm.qti.gpudrivers.sm8250.api29	0.1.0
Media and devices	com.samsung.android.mdx.quickboard	2.0.08.261
Bixby Routines	com.samsung.android.app.routines	2.6.17
Customization Service	com.samsung.android.rubin.app	2.7.00.15
SCameraService	com.samsung.android.cameraskservice	1.1
SCameraXService	com.samsung.android.cameraxservice	1.1
Configuration update	com.samsung.android.sdm.config	2.0.27
SEMFactoryApp	com.sem.factoryapp	1.0.00.41
SKMSAgentService	com.skms.android.agent	1.0.40-44
Software update	com.sec.android.soagent	5.1.03
Samsung Push Service	com.sec.spp.push	3.0.16
SVC Agent	com.samsung.android.svcagent	5.0.00.4
Samsung voice input	com.samsung.android.svoiceime	2.2.01.8
Samsung account	com.osp.app.signin	11.5.00.9
Samsung Checkout	com.sec.android.app.billing	5.0.30.0
Calendar Storage	com.android.providers.calendar	11.0.00.14
Camera	com.sec.android.app.camera	10.5.00.67
Samsung Cloud	com.samsung.android.scloud	4.3.00.16
Contacts	com.samsung.android.app.contacts	11.5.01.20
Contacts Storage	com.samsung.android.providers.contacts	11.5.06
Samsung Device Health Manager Service	com.sec.android.sdhms	10
Phone	com.samsung.android.dialer	11.5.01.20
Samsung Experience Svc	com.samsung.android.mobileservice	11.5.00.21
Gallery	com.sec.android.gallery3d	11.5.00.33
Call	com.samsung.android.incallui	11.5.05.3
Magnifier	com.sec.android.app.magnifier	10.0.42
Messages	com.samsung.android.messaging	11.5.00.161
Samsung Multi Connectivity	com.samsung.android.mcfserver	1.0.01.89
Samsung Pass	com.samsung.android.samsungpass	2.5.00.28
SamsungPositioning	com.samsung.android.samsungpositioning	3.1.01.0
What	com.samsung.android.app.social	11.5.00.6
Video Player	com.samsung.android.video	7.3.04.234
Configuration update	com.samsung.android.providers.carrier	1.0.19
Download Manager	com.android.providers.downloads	10
Live Wallpaper Picker	com.android.wallpaper.livepicker	10
Sec Media Storage	com.samsung.android.providers.media	10
My Files	com.sec.android.app.myfiles	11.5.00.272
Settings	com.android.settings	10
Settings Suggestions	com.android.settings.intelligence	10
Samsung SetupWizard	com.sec.android.app.SecSetupWizard	2.5.17.1
SecSoundPicker	com.samsung.android.secsoundpicker	10
Dialer Storage	com.android.providers.telephony	10
Secure Folder	com.samsung.knox.securefolder	1.5.01.9
Send SOS messages	com.sec.android.app.safetyassurance	11.5.00.55
SettingsBixby	com.samsung.android.app.settings.bixby	2.5.02
Settings Storage	com.android.providers.settings	10

Tags	com.android.apps.tag	4.2.01
Settings	com.samsung.android.SettingsReceiver	10
Setup Wizard	com.sec.android.app.setupwizard	7.0.90
Quick Share	com.samsung.android.app.sharelive	11.5.00.42
com.android.sharedstoragebackup	com.android.sharedstoragebackup	10
Shell	com.android.shell	10
Live focus picture	com.samsung.android.app.siofviewer	5.0.43
Single Take	com.samsung.android.singletake.service	1.0.01.4
Smart Call	com.samsung.android.smartcallprovider	11.5.00.4
EpdgTestApp	com.sec.epdgtestapp	10
Translate	com.samsung.android.service.airviewdictionary	3.1.07
Device care	com.samsung.android.lool	11.0.05.11
Device security	com.samsung.android.sm.devicesecurity	7.0.06
com.samsung.android.smartswitchassistant	com.samsung.android.smartswitchassistant	1.1.06
SoHService	com.samsung.sait.sohservice	10
SoundAlive	com.sec.android.app.soundalive	9.4.84
Carrier Hub	com.sprint.ms.smf.services	5.8.2
Intent Filter Verification Service	com.android.statementservice	1.0
StickerCenter	com.samsung.android.stickercenter	1.0.2.0
Crocro and friends	com.samsung.android.app.camera.sticker.faceavatar.preload	3.0.07
Storage Manager	com.android.storagemanager	10
StoryService	com.samsung.storyservice	3.1.04
Microsoft SwiftKey Keyboard	com.touchtype.swiftkey	7.5.5.19
Microsoft SwiftKey Factory Settings	com.swiftkey.swiftkeyconfigurator	2.2.0.470
System UI	com.android.systemui	10
SystemUIBixby2	com.samsung.systemui.bixby2	1.3.00.2
Samsung DeX System UI	com.samsung.desktopsystemui	10
SystemUpdate	com.sec.android.systemupdate	11.0.00.0
TADownloader	com.samsung.android.tadownloader	1.1.16
AuthFw TaPack	com.samsung.android.tapack.authfw	1.0.31.0
Tasks	com.samsung.android.app.taskedge	4.1.29
Phone Services	com.android.phone	10
Phone	com.android.server.telecom	10
Call settings	com.samsung.android.app.telephonyui	11.5.05.4
Galaxy Themes Service	com.samsung.android.themecenter	9.1.0.0
Galaxy Themes	com.samsung.android.themestore	5.1.20.623
Tips	com.samsung.android.app.tips	2.5.28.0
One UI Home	com.sec.android.app.launcher	11.5.01.29
Tethering Provision	com.samsung.unifiedtp	1.0.06.7
Visual Voicemail	com.samsung.vvm	1.1.00.2
upday	de.axelspringer.yana.zeropage	2.5.13486
User Dictionary	com.android.providers.userdictionary	10
VZWAPN	com.vzw.apnservice	18.3
VolumeMonitorProvider	com.sec.android.app.volumemonitorprovider	1.1.03
VpnDialogs	com.android.vpndialogs	10
com.android.wallpapercropper	com.android.wallpapercropper	10
core	com.microsoft.appmanager	1.20053.20.0
LocationServices	com.qualcomm.location	1.0
IMS Service	com.sec.imsservice	1.0
Knox Analytics Uploader	com.samsung.android.knox.analytics.uploader	1.2.01.1
KnoxVpnPacProcessor	com.knox.vpn.proxyhandler	10
ringtonebackup	com.sec.android.app.ringtoneBR	10
Service mode	com.sec.android.app.servicemodeapp	10

SmartFaceService	com.samsung.android.smartface	1.0
com.samsung.android.wallpaper.res	com.samsung.android.wallpaper.res	10
Facebook	com.facebook.katana	stub (55.1.0)
SharedDeviceKeyguard	com.sec.enterprise.knox.shareddevice.keyguard	1.1.161201