





* Refer to product datasheet and FAQs for full details and limitations. Accuracy specifications apply to the latest field and office software versions only

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GIS Hardware Product Comparison

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Trimble





GIS Hardware Product Comparison **GIS Hardware**

| DDNS sourcey methine1-100 m1-100 m2-4 m (RDM)2-4 m (RDM)-4.1 m (RDM)-4.1 m (RDM)R1Sar "bendingerspaceNisNisNisNisNisGLMASS capableMisMisNisNisNisGLMASS capableMisNisNisNisNisBRDD LegalatingMisNisNisNisNisBRDD LegalatingNisNisNisNisNisBRDD LegalatingNisNisNisNisNisBRDD LegalatingNisNisNisNisNisBRDD LegalatingNisNisNisNisNisBRDD LegalatingNisNisNisNisNisBRD LegalatingN | | | | and the second s | appression (all) | | | | | |
|--|--|--|---|--|---|--|--|--|--|--|
| DDNS sourcey real hank1-100 cm1-2-4 m (RTCM)2-4 m (RTCM)1-5 hypicalBAST rechnology capbieNisoNisoNisoNisoGLMASS-capbieNissNisoNisoNisoGLMASS capbieNisoNisoNisoNisoNisoGLMASS-capbieNisoNisoNisoNisoNisoGLMASS capbieNisoNisoNisoNisoNisoBRDD-capbieNisoNisoNisoNisoNisoBRDD-capbieNisoNisoNisoNisoNisoBRDD-capbieNisoNisoNisoNisoNisoBroding Staff spacialNisoNisoNisoNisoNisoBroding Staff spacialNisoNisoNisoNisoNisoIntegrated Dimits Staff spacialNisoNisoNisoNisoNisoNiso Auto Staff Staff spacialNisoNisoNisoNisoNisoNiso Auto Staff | | | Geo 7X Handheld | Nomad [*] 5 Handheld | | TDC600 Handheld | | | | |
| HSabr feathnoisgy-capableNoNoNoGLONASS capableYesYesYesNoNoGLONASS capableYesYesNoYesYesQ2SS capableYesNoNoYesYesGLONASS capableYesNoNoYesYesGLONASS capableYesNoNoYesYesGLONASS capableYesNoYesNoYesGLONASS capableYesNoYesNoYesGLONASS capableYesYesNoYesNoYesGLONASS capableNoYesNoNoNoNoEVIREST multipatines(CanNoYesNoNoNoNoIntrogeted GNASSYesYesYesNoNoNoNoMRCA UnputYesYesYesYesYesNoNoNoMRCA UnputYesYesYesYesNoNoNoNoNoNoMRCA UnputYesYesYesYesYesNo | DGNSS accuracy postprocessed* | 1–100 cm | 1–100 cm | 2–4 m | 2-4 m | No | | | | |
| CLUMASS capable Called StageYesYesNesNesNoNoNesGalled capable C2SS capableYesNesNoNoNoNesNesBeDoc capable BeDoc capable | DGNSS accuracy real-time* | 1–100 cm | 1–100 cm | 2-4 m (RTCM) | 2-4 m (RTCM) | < 1.5 m typical | | | | |
| Galile-capable C2SS capableYesNoNoNeQ2SS capableYesYesNoNoYesQ2SS capableYesYesNoNoYesEVERST multipath rejectionNoYesNoNoNoEVERST multipath rejectionNoYesNoNoNoEVERST multipath rejectionNoYesNoNoNoEVERST multipath rejectionNoYesNoNoNoIntegrated SDAYesYesYesNoNoNoIntegrated SDAYesYesNoNoNoNoNREA outputYesYesNoNoNoNoNREA outputYesYesYesYesNoNoPoreating systemAndroid SD TreeYesYesNoNoPoreating system12 Ort Quatorm10 Oft CMAP DM373022 Ort Quatorm10 Oft CMAP DM373022 Ort QuatormPoreating system12 Ort Quatorm11 (SD / SDHC)11 (microSD YED11 (microSD YED11 (microSD YED11 (microSD YED11 (microSD YED12 Ort GP (mitro YeD)12 Ort GP (mitro YeD)Data storage10 GB40 GB20 GB2 | H-Star [™] technology-capable | No | Yes | No | No | No | | | | |
| QZSS capable QZSS capableYesNoNoYesBBDa capable BBDb capableYesYesNoNoNoPRCBEST" multipath nejectionNoYesNoNoNoFROM IPI'S capableNoYesNoNoNoFROM IPI'S capableNoYesNoNoNoIntegrated ConSTATNoYesYesNoNoIntegrated ConSTATNoNoNoNoNoNEEA capableYesYesYesNoNoNEEA capableYesYesNoNoNoNEEA capableYesYesNoNoNoNEEA capableYesYesNoNoNoNEEA capableYesYesNoNoNoNEEA capableYesYesNoNoNoNEEA capableYesYesNoNoNoNEEA capableYesYesNoNoNoNeesson (CAMA)YesYesNoNoNoProcessor12 CaP XesYesYesNoNoProcessor12 CaP Xes12 CaP Xes12 CaP XesYesYesYesProcessor12 CaP Xes12 CaP Xes12 CaP XesYesYesYesYesProcessor12 CaP Xes12 CaP Xes12 CaP XesYesYesYesYesYesProcessor (CAMA)12 CaP Xes12 CaP Xes12 CaP XesYes <td>GLONASS-capable</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>No</td> <td colspan="3">Yes</td> | GLONASS-capable | Yes | Yes | Yes | No | Yes | | | | |
| Del Decreasable Del DecreasableYesYesNoNoEVEREST" multipatin rijectionNoNoNoNoNoEVEREST" multipatin rijectionNoYesNoNoNoTimble TRX" compatibleNoYes, via cellular deliveryYes, via cellular deliveryNoNoIntegrated SBASYesYes, via cellular deliveryYes, via cellular deliveryNoNoIntegrated SDASYesYesYesYesYesYesIntegrated SDASNoNoNoNoNoNREA outputYesYesYesYesNoControl TRA"NoNoNoNoNoOperating systemAndroid" 50 "Marsimallow"Windows" Embedded HandheldAndroid 81 "Ore"Protessional 65Processor12 CH2 Qualcomm10 GH2 CMAP DM373022 GH2 Qualcomm4GB52 EMB4GBScreen details13 L26 M/2 Qualcomm10 GH2 CMAP DM373022 GH2 Qualcomm46 GH2 CMAP DM373022 GH2 QualcommData storage16 GB25 6MB12 2m / 51" multi-buch, 128 / MSA0 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 2c m / 60 "multi-buch, 128 / MSA00 pk115 / 2c m / 60 "multi-buch, 128 / MSA00 pk115 / 2c m / 60 "multi-buch, 128 / MSA00 pk115 / 2c m / 60 "multi-buch, 128 / MSA00 pk115 / 2c m / 60 "multi- | Galileo-capable | Yes | Yes | No | No | | | | | |
| VERSIT multipath rejection No No No No Floadight "capable No No No No Floadight "capable No Yes, via cellular delivery Yes, via cellular delivery No No Integrated SBAS Yes Yes, incluing SBAS+ support Yes Yes Yes Integrated SBAS Yes Yes No No No NDEA culput Yes No No No No NDEA culput Yes Yes Yes No No Coperating system Android 6.0"Marchmallow Window: Embedded Handheld Professional 6.5 Professional 6.5 Processor 1.2.GHz Qualcomm 1.0.GHz OMAP DM3730 2.2.GHz Qualcomm 1.0.GHz OMAP DM3730 2.2.GHz Qualcomm 1.0.GHz OMAP DM3730 2.2.GHZ Chiput and Ch | QZSS-capable | Yes | Yes | No | No | | | | | |
| Floodight capableNoNoNoFloodight capableYes, FledPointYes, via cellular deliveryNoNoTrimber RYC compatibleYes, FledPointYes, via cellular deliveryNoNoIntegrated BSASYesYes, including BSAS+ supportYesYesYesIntegrated DmirSTAPNoNoNoNoNoNREA vitputYesYesYesYesNoOperating systemAndroid*6.0*Marshmallow*Window: Embedded Handheld Professional 6.5Android*8.1*Oreo*Windows: Embedded Handheld Professional 6.5Android*8.1*Oreo*Windows: Embedded Handheld Professional 6.5Android*8.1*Oreo*2.2 GHz QualcommProcessor1.2 GHz Qualcomm1.0 Grz OMAP DM37002.2 GHz Qualcomm1.0 Grz OMAP DM37002.2 GHz Professional 6.5Processor1.2 GBZ Capable1.0 Grz OMAP DM37002.2 GHz Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.5Processor1.2 GBZ Capable1.0 Grz OMAP DM37002.2 GHz Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.5Processor1.2 GBZ Capable1.0 Grz OMAP DM37002.2 GHz Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.5Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.5Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.51.0 Grz OMAP DM37002.2 GHz Professional 6.5Professional 6.51.0 Grz OMAP DM3700 <t< td=""><td>BeiDou-capable</td><td>Yes</td><td>Yes</td><td>Yes</td><td>No</td><td colspan="3">Yes</td></t<> | BeiDou-capable | Yes | Yes | Yes | No | Yes | | | | |
| Trinbie TX** compatibleYes, FieldPointYes, via cellular deliveryYes, via cellular deliveryNoNoIntegrated SBASYesYes, via cellular deliveryYesYesYesYesIntegrated SBASNoNoNoNoNoNoNUEA outputYesYesYesYesYesNoOperating SystemAndroid 6.0 *MarshmallowYesYesYesYesNoOperating System1.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommGDHz OMAP DM37302.2 GHz QualcommProcessor1.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommGDHz OMAP DM37302.2 GHz QualcommProcessor1.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommStoren delails1.3 4 cm f, S3* mult voluch1.0 CHZ OMAP DM37302.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommJake om f, S3* mult voluch1.0 GHz OMAP DM3702.2 GB1.0 GHz OMAP DM3702.2 GHz Qualcomm1.0 GHz OMAP DM3702.2 GHz QualcommJake om f, S3* mult voluch1.0 GHZ OMAP DM3702.2 GB1.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP DM370Storen delails1.0 GHZ OMAP DM3702.2 GHz Qualcomm1.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP DM370Storen delails1.0 GHZ OMAP DM3702.2 GHz Qualcomm1.0 GHZ OMAP DM3701.0 GHZ OMAP DM3701.0 GHZ OMAP | EVEREST [™] multipath rejection | No | Yes | No | No | No | | | | |
| Integrated SBASYesYesYesYesYesIntegrated OrmISTAP"NoNoNoNoNoNoNREA outputYesYesYesNoNoNoRTCM inputYesYesYesYesNoNoOperating systemAndroid 7:0 Marshmallow"Windows Embedded HandheldAndroid 8.1 "Greo"Windows Embedded HandheldMindows Embedded HandheldProcessor1.2 CHz Qualcomm1.0 GHz OMAP DM37302.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommMemory (RAM)Z GB265 MB4 GB512 MB4 GB512 MB4 GBScreen details1.3 4 cm / 5.3", multi-houch10.7 cm / 4.2", color touth screen, 4 805 AGD px12.2 cm / 6.0" multi-houch, 1.250/x02 px10.9 Ler OMAP DM37302.2 GHz QualcommData storage16 GB4 GB32 GB15 GB / 22 GB (Barcode model)64 GBExpansion slots1 (microSDHC)1 (microSDHC)1 (microSDHC)1 (microSDHC)Alphanumeric data entryOrscreen keyboardSoft input panel (SIP) on screen keyboardOnscreen keyboardOrscreen keyboardOrscreen keyboardIntegrated Bluetooth*NoNoNoNoNoNoNoIntegrated Bluetooth*YesYesYesYesYesIntegrated Bluetooth*YesYesYesYesYesOrscreen keyboardYesYesYesYesYesIntegrated Integra | Floodlight [™] -capable | No | Yes | No | No | | | | | |
| Integrated OmiSTAR*NoNoNoNoNMEA outputYesYesYesYesYesYesNoRTCM inputYesYesYes (RTCM 2.3)Yes (PS, RTCM 2.3)NoNoOperating systemAndroid* 60 "Mashmallow"Windows" Embedded Handheld Professional 6.5Android 8.0 "Oreo"Windows Embedded Handheld Professional 6.5Android 8.0 "Oreo"NoProcessor1.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommMemory (RAM)2 GB2.55 MBA 4 GB5.2 MB4 GBScreen details1.3 d-rm / 5.3", multi-buch, 1.280x720 px1.0 Grm / 4.2", WiQATF, 480x640 px1.200x720 px1.0 Grm / 4.2", WiQATF, 1.280x720 px1.5 GF / 5.2 GE (Barcode model)6.6 GBExpansion slots1.1 (microSDHC)1.(SD / SDHC)1.(microSDVSDHC)1.(microSDVSDHC)1.(microSDVSDHC)1.(microSDHC)Integrated Bluetooth*NoNoYesYesYesYesIntegrated Bluetooth*NoNoYesYesYesIntegrated Camera2.MP front, 13 MP rear with flashSMP front, 15 MP rear with flashSMP with flashSMP with flashSMP with flashOrientation sensorsYesYesYesYesYesYesCellular voice capabilityNoNoYesYesYesWeight0.8 kg (L76 lbs)0.9 kg (L26 lbs)0.7 kg (L54 lbs)0.4 kto 0.5 kg (L50 lbs)0.8 kg (L96 lbs) | Trimble [®] RTX [™] compatible | Yes, FieldPoint | Yes, via cellular delivery | Yes, via cellular delivery | No | No | | | | |
| NMEA output Yes Yes <thyes< th=""> Yes <thyes< th=""> <thye< td=""><td>Integrated SBAS</td><td>Yes</td><td>Yes, including SBAS+ support</td><td>Yes</td><td>Yes</td><td colspan="3">Yes</td></thye<></thyes<></thyes<> | Integrated SBAS | Yes | Yes, including SBAS+ support | Yes | Yes | Yes | | | | |
| RTCM input Yes Yes Yes (RTCM 2.3) Yes (DGPS, RTCM 2.3) No Operating system Android © 0 Marshmallow Windows Embedded Handheld Professional 6.5 Android 8.0 "Oreo" Android 8.0 "Oreo" Processor 1.2 GHz Qualcomm 1.0 GHz OMAP DM3730 2.2 GHz Qualcomm 1.0 GHz OMAP DM3730 2.2 GHz Qualcomm Memory (RAM) 2 GB 256 MD 4 GB 512 MB 4 GB Screen details 10 GHz OMAP DM3720 px 10 GHz OMAP DM3730 12.2 (m / S' multi-touch, 1280x720 px 15 Ger / G' multi-touch, 1290x720 px 15 Ger / G' multi-touch, 1290x720 px 4 GB 32 GB 16 GB / 32 GB (Barcode model) 16 GB Leparation slots 1 (microSDHC) 1 (microSD/SDHC) 1 (microSD/SDHC) 1 (microSD/SDHC) 1 (microSDHC) 4 programmable screen keyboard, 5 Kes | Integrated OmniSTAR® | No | No | No | No | No | | | | |
| Operating system Android* 6.0 *Marshmallow* Windows*Embedded Handheld Professional 6.5 Android 8.1 *Oreo* Windows Embedded Handheld Professional 6.5 Android 8.0 *Oreo* Processor 1.2 GHz Qualcomm 1.1 GHz OMAP DM3730 2.2 GHz Qualcomm 1.0 GHz OMAP DM3730 2.2 GHz Qualcomm Memory (RAM) 2 GB 2 GB 2 GB 3.13 de m / 5.3** 4 GB 4 GB Screen details 1.34 cm / 5.3** 1.0 GHz OMAP DM3730 2.2 GHz Qualcomm 1.0 GHz OMAP DM3730 2.2 GHz Qualcomm Data storage 1.6 GB 2.6 Mz 4.6 B 5.12 MB 4.6 GB Data storage 1.6 GB 4 GB 3.2 GB 1.6 GB / 4.80 Opc 1.92 Ox1000 pr Data storage 1.6 GB 4 GB 3.2 GB 1.6 GB / 4.80 Opc 1.92 Ox1000 pr Aphanumeric data entry Onscreen keyboard Soft input panel (SIP) on screen keyboard Onscreen keyboard, 3 programmable + 3 Android hard keys Soft input panel (SIP) on screen keyboard, 4 programmable hard keys Integrated Barcode scanner No No No No Integrated camera Yes Yes Yes <td< td=""><td>NMEA output</td><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td><td colspan="3">No</td></td<> | NMEA output | Yes | Yes | Yes | Yes | No | | | | |
| Processor1.2 GHzProfessional 6.5Professional 6.5Processor1.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz Qualcomm1.0 GHz OMAP DM37302.2 GHz QualcommMemory (RAM)2 GB265 MB4.6B512 MB4.6BScreen details1.34 cm / 5.3", multi-touch, 1.280/720 px1.07 cm / 4.2", color touch screen, 4.800 K40 px1.2.7 cm / 5" multi-touch, 1.280/720 px1.09 cm / 4.3", WVGA TFT, 4400/600 px152 cm / 60" multi-touch, 1.1200/20 pxData storage1.6 GB4.6B3.2 GB1.06 GB / 2.80 (Barcode model)64 GBExpansion slots1.1 (microSDHC)1.1 (microSD/SDHC)1.1 (microSD/SDHC)1.1 (microSD/SDHC)Alphanumeric data entryOnscreen keyboardSoft input panel (SIP) on screen keyboard, 4.9" professional fieldOnscreen keyboard, 4.9" programmable + 3.4 Andrial hard keysSoft input panel (SIP) on screen keyboard, 4.4" programmable hard keysIntegrated Bicedos scanerNoNoNoNoIntegrated Bicedos scanerNoNoNoNoIntegrated Camera2.0 Professional 6.5NoNoNoIntegrated CameraYesYesNoNoNoIntegrated CameraYesYesNoNoNoOrientation sensorsYesYesNoNoNoIntegrated rangefinderNoYesYesNoNoIntegrated rangefinderNoYesNoNoNoOrientation sensorsYesYes (GSM/CDMA)Yes </td <td>RTCM input</td> <td>Yes</td> <td>Yes</td> <td>Yes (RTCM 2.3)</td> <td>Yes (DGPS, RTCM 2.3)</td> <td colspan="3">No</td> | RTCM input | Yes | Yes | Yes (RTCM 2.3) | Yes (DGPS, RTCM 2.3) | No | | | | |
| Memory (RAM)2 GB2 G B2 6 B B4 G B5 12 MB4 G BScreen details13.4 cm / 5.3", multi-bouch, 1280x720 px12.7 cm / 420, 640 px12.7 cm / 5" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x640 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x640 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x640 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x600 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x600 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x600 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x600 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x600 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 480x600 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 1280x720 px15.2 cm / 6.0" multi-buch, 1280x720 px10.9 cm / 4.3", WGA TFT, 1280x720 px15.2 cm / 6.0" multi-buch, 1280x720 px16.GB / 32.2 GB (Barcode model)64.GBLapta at at an try0 1 (microSDHC)1 (microSDHC)0 1 (microSDHC)0 1 (microSDHC)1 (microSDHC)1 (microSDHC)1 (microSDHC)Alphanumeric data entry0 NoNoNoNoNoNoNoNoNoNoIntegrated Barcode scannerNoNoNoNoYesYesYesYesYesIntegrated Bluetooth"YesYesYesYesYesYesYes< | Operating system | Android [™] 6.0 "Marshmallow" | | Android 8.1 "Oreo" | | Android 8.0 "Oreo" | | | | |
| Screen details13.4 cm / 5.3", multi-touch 1280x720 px10.7 cm / 4.2", color touch screen, 480x640 px12.7 cm / 5" multi-touch, 1280x720 px10.9 cm / 4.3", WVGA TFT, 480x800 px15.2 cm / 6.0" multi-touch, 1920x1080 pxData storage16 GB4 GB32 GB16 GB / 32 GB (Barcode model)64 GBExpansion slots1 (microSDHC)1 (SD / SDHC)1 (microSD/SDHC)1 (microSD/SDHC)1 (microSD/SDHC)Alphanumeric data entryOnscreen keyboardSoft input panel (SIP) on screen keyboardOnscreen keyboard, 3 programmable + 3 Android hard keysSoft input panel (SIP) on screen keyboard, 4 programmable hard keysIntegrated Barcode scannerNoNoYesYesIntegrated Burcode ''YesYesYesYesIntegrated Wi-FiYesYesYesYesIntegrated Wi-FiYesYesYesYesOrientation sensorsYesYesYesYesYesYesYesNoNoNoCellular modemYesYes (GSM/CDMA)YesYes (Uno SD only)YesGellular voice capabilityNoNoNoNoNoNoWeight0.8 kg (1.76 lbs)0.95 kg (2.2 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs)0.4 to 0.5 kg (0.91 los) (or 0.038 kg (0.91 lbs) | Processor | 1.2 GHz Qualcomm | 1.0 GHz OMAP DM3730 | 2.2 GHz Qualcomm | 1.0 GHz OMAP DM3730 | 2.2 GHz Qualcomm | | | | |
| Integrated | Memory (RAM) | 2 GB | 256 MB | 4 GB | 512 MB | 4 GB | | | | |
| Expansion slots1 (microSDHC)1 (SD / SDHC)1 (microSD/SDHC)1 (microSD/SDHC)1 (microSD/SDHC)Alphanumeric data entryOnscreen keyboardSoft input panel (SIP) on screen keyboardOnscreen keyboard, 3 programmable + 3 Android hard keysSoft input panel (SIP) on screen keyboard, 4 programmable hard keysIntegrated Barcode scannerNoNoYesNoIntegrated Bluetooth*YesYesYesYesIntegrated Bluetooth*YesYesYesYesIntegrated Gluetooth*YesYesYesYesIntegrated Camera2 MP front, 13 MP rear with flashSMPSMP front, 16 MP rear with flashSMP front, 16 MP rear with flashSMP front, 13 MP rear with flashOrientation sensorsYesYesYesYesNoYesCellular modemYesYes (SBMC/DMA)YesNoYesCellular voice capability0.8 kg (176 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (154 lbs)0.4 O 0.40 (0.90 to 1.10 lbs) depending on configuration | Screen details | | | | | | | | | |
| Alphanumeric data entryOnscreen keyboardSoft input panel (SIP) on screen keyboardOnscreen keyboard, 3 programmable + 3 Android hard keysSoft input panel (SIP) on screen keyboardOnscreen keyboard, 4 programmable hard keysIntegrated Barcode scannerNoNoNoNoNoIntegrated Bluetooth*YesYesYesYesYesIntegrated Bluetooth*YesYesYesYesYesIntegrated Bluetooth*YesYesYesYesYesIntegrated Bluetooth*YesYesYesYesYesIntegrated Gramera2 MP front, 13 MP rear with flash5 MP8 MP front, 16 MP rear with flash8 MP with flash5 MP front, 13 MP rear with flashOrientation sensorsYesYesYesNoYesNoYesCellular modernYesYesYesNoNoNoNoCellular voice capabilityNoNoNoYesYesO.3 kg (0.9 lbs)Weight0.8 kg (1.76 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs)0.4 to 0.5 kg (0.9 to 1.01 lbs) depending on configuration0.38 kg (0.9 lbs) | Data storage | 16 GB | 4 GB | 32 GB | 16 GB /32 GB (Barcode model) | 64 GB | | | | |
| Integrated Barcode scamerNoA programmable hard keysIntegrated Bluetooth*NoNoNoIntegrated Bluetooth*YesYesYesIntegrated Bluetooth*YesYesYesIntegrated Bluetooth*YesYesYesIntegrated Bluetooth*YesYesYesIntegrated Bluetooth*YesYesYesIntegrated Bluetooth*YesYesYesIntegrated Camera2 MP front, 13 MP rear with flash5 MPS MP front, 16 MP rear with flash8 MP with flash5 MP front, 13 MP rear with flashOrientation sensorsYesYesYesNoYesIntegrated rangefinderNoYesNoYesCellular modermYesYes (GSM/CDMA)YesNoNoCellular voice capabilityNoNoYesYesWeight0.8 kg (1.76 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs)0.4 to 0.5 kg (0.9 to 1.10 lbs) depending on configuration0.38 kg (0.9 lbs) | Expansion slots | 1 (microSDHC) | 1(SD/SDHC) | 1 (microSD/SDHC) | 1 (microSD/SDHC) | 1 (microSDHC) | | | | |
| Integrated Bluetooth"YesYesYesYesIntegrated Wi-FiS MP front, 13 MP rear with flashYesYesYesIntegrated camera2 MP front, 13 MP rear with flash5 MP front, 16 MP rear with flash8 MP front, 16 MP rear with flash8 MP with flash5 MP front, 13 MP rear with flashOrientation sensorsYesYesYesYesNoYesIntegrated rangefinderNoYesYesNoYesCellular modermYesYesYesYesYesCellular voice capabilityNoNoYesYesWeight0.8 kg (1.76 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs)0.4 to 0.5 kg (0.9 to 1.10 lbs) depending on configuration0.38 kg (0.9 lbs) | Alphanumeric data entry | Onscreen keyboard | Soft input panel (SIP) on screen keyboard | | Soft input panel (SIP) on screen keyboard | | | | | |
| No Participated Wi-FiYesYesYesIntegrated camera2 MP front, 13 MP rear with flash5 MP8 MP front, 16 MP rear with flash8 MP with flash5 MP front, 13 MP rear with flashOrientation sensorsYesYesYesNoYesIntegrated rangefinderNoYesNoYesCellular modemYesYes (GSM/CDMA)YesYes (Juno 5D only)YesCellular voice capabilityNoYesNoYesWeight0.8 kg (1.76 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs) 0.7 kg (1.54 lbs)0.4 to 0.5 kg (0.9 to 1.10 lbs) depending on configuration | Integrated Barcode scanner | No | No | No | Yes (Barcode model) | No | | | | |
| Integrated camera 2 MP front, 13 MP rear with flash 5 MP 8 MP front, 16 MP rear with flash 8 MP with flash 5 MP front, 13 MP rear with flash Orientation sensors Yes Yes Yes No Yes Integrated rangefinder No Yes Yes No Yes Cellular modem Yes Yes (GSM/CDMA) Yes Yes (Juno 5D only) Yes Cellular voice capability No Yes No Yes Weight 0.8 kg (1.76 lbs) 0.96 kg (2.12 lbs) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) | Integrated Bluetooth® | Yes | Yes | Yes | Yes | Yes | | | | |
| Constration sensorsYesYesYesNoYesIntegrated rangefinderNoYesNoYesNoCellular modermYesYesYesYesYesYesCellular voice capabilityNoNoYesYesYesYesWeight0.8 kg (1.76 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs) cellular voice capability0.4 to 0.5 kg (0.9 to 1.10 lbs) depending on configuration0.38 kg (0.9 lbs) | Integrated Wi-Fi | Yes | Yes | Yes | Yes | Yes | | | | |
| Integrated rangefinderNoYesNoNoCellular modemYesYesYes (GSM/CDMA)YesYes (Juno 5D only)YesCellular voice capabilityNoNoNoYesYesWeight0.8 kg (1.76 lbs)0.96 kg (2.12 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder)0.7 kg (1.54 lbs) depending on configuration0.4 to 0.5 kg (0.9 to 1.10 lbs) depending on configuration0.38 kg (0.9 lbs) | Integrated camera | 2 MP front, 13 MP rear with flash | 5 MP | 8 MP front, 16 MP rear with flash | 8 MP with flash | 5 MP front, 13 MP rear with flash | | | | |
| Cellular modem Yes Yes (GSM/CDMA) Yes Yes Yes (Juno 5D only) Yes Cellular voice capability No No No Yes Yes Weight 0.8 kg (1.76 lbs) 0.96 kg (2.12 lbs) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder) 1.08 kg (2.38 lbs) (incl. rangefinder) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) | Orientation sensors | Yes | Yes | Yes | No | Yes | | | | |
| Cellular voice capability No No Yes (Juno 5D only) Yes Weight 0.8 kg (1.76 lbs) 0.96 kg (2.12 lbs) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder) 1.08 kg (2.38 lbs) (incl. rangefinder) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) | Integrated rangefinder | No | Yes | No | No | No | | | | |
| Weight 0.8 kg (1.76 lbs) 0.96 kg (2.12 lbs) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) 1.08 kg (2.38 lbs) (incl. rangefinder) 1.08 kg (2.38 lbs) (incl. rangefinder) 0.7 kg (1.54 lbs) 0.4 to 0.5 kg (0.9 to 1.10 lbs) 0.38 kg (0.9 lbs) | Cellular modem | Yes | Yes (GSM/CDMA) | Yes | Yes (Juno 5D only) | Yes | | | | |
| 1.08 kg (2.38 lbs) (incl. rangefinder) depending on configuration | Cellular voice capability | No | No | No | Yes (Juno 5D only) | Yes | | | | |
| | Weight | 0.8 kg (1.76 lbs) | | 0.7 kg (1.54 lbs) | | 0.38 kg (0.9 lbs) | | | | |
| Battery life > 8 hours Up to 10.5 hours: Up to 10.5 hours 8 hours 15 hours: Internal GNSS, and backlight Internal GNSS, and backlight Internal GPS, and backlight | Battery life | >8 hours | Up to 10.5 hours: Internal GNSS, and backlight | Up to 10.5 hours | 8 hours | 15 hours: Internal GPS, and backlight | | | | |
| Ruggedness Withstands 1.2 m / 4 ft drop Withstands 1.2 m / 4 ft drop Withstands 1.8 m / 6 ft drop Withstands 1.2 m / 4 ft drop Withstands 1.2 m / 4 ft drop | Ruggedness | Withstands 1.2 m / 4 ft drop | Withstands 1.2 m / 4 ft drop | Withstands 1.8 m / 6 ft drop | Withstands 1.2 m / 4 ft drop | Withstands 1.2 m / 4 ft drop | | | | |
| Environmental Protected from dust and moisture Dust-proof and resistant to heavy Dust-proof, resistant to heavy rain per IP65 Impervious to dust and submersible Protected from dust and moisture ingress per IP67 standard wind-driven rain per IP65 standard standard and immersion per IP68 standard in water per IP68 standard ingress per IP67 standard | Environmental | | | | | | | | | |
| Operating temperature -20 °C to 60 °C / -4 °F to 140 °F -20 °C to 60 °C / -4 °F to 140 °F -30 °C to 60 °C / -22 °F to 140 °F -30 °C to 60 °C / -22 °F to 140 °F -20 °C to 55 °C / -4 °F to 131 °F | Operating temperature | –20 °C to 60 °C / –4 °F to 140 °F | –20 °C to 60 °C / –4 °F to 140 °F | $-30~^{\rm o}{\rm C}$ to 60 $^{\rm o}{\rm C}$ / $-22~^{\rm o}{\rm F}$ to 140 $^{\rm o}{\rm F}$ | –30 °C to 60 °C / –22 °F to 140 °F | –20 °C to 55 °C / –4 °F to 131 °F | | | | |

* Refer to product datasheet and FAQs for full details and limitations. Accuracy specifications apply to the latest field and office software versions only.



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