Samsung Galaxy Watch6 LTE (40mm)

Brand : Samsung

Product family: Galaxy Watch6 Product code: SM-R935FZEAEUA

Product name : Galaxy Watch6 LTE (40mm)

- A big, circular view on your wrist

- Develop healthy sleeping habits

- Get detailed insights on your body and wellness

Galaxy Watch6 LTE (40mm)

Samsung Galaxy Watch6 LTE (40mm). Display diagonal: 3.3 cm (1.3"), Display technology: OLED, Display resolution: 432 x 432 pixels, Touchscreen. Processor frequency: 1.4 MHz, RAM capacity: 2000 MB, Flash memory: 16 GB. Wi-Fi. GPS (satellite). Battery capacity: 300 mAh. Weight: 28.7 g. Band colour: Gold. Operating system installed: Wear OS





| DisplayEventureDisplay technology3.3 cm (1.3")Accelerometer4Display technology marketing nameSuper AMOLEDMultisport mode4Display technology marketing name600 cm/mWultisport mode4Display technology marketing name600 cm/mWultisport mode4Nexid ensity330 pplSoS aler function4Nexid ensity300 pplAudio formals supported3GA AAC, AMR, AMB, MAA, MP3, OGA, OCG, WAVDisplay technology marketing nameNultisport mode3GA, AAC, AMR, AMB, MAA, MP3, OGA, OCG, WAVDisplay resolution *10 pilatAmbient light sensor3GA, AAC, AMR, AMB, MAA, MP3, OGA, OCG, WAVDisplay resolution *32 x 332 pixelsWilce recording4Display muber of colours16 million coloursElectronic compasis*Shape *RoundAlmocick<Market positioning *SomartwatchSomartwatchSomartwatchMarket positioning *SomartwatchSomartwatchMarket positioning *SomartwatchSomartwatchMarket positioning *GoldWather forecastMarket positioning *SomartwatchSomartwatchMarket positioning *GoldWather forecastMarket positioning *GoldWather forecastMarket positioning *Market positioning *SomartwatchMarket positioning *SomartwatchSomartwatchMarket positioning *S | | | | |
|--|------------------------------------|-------------------------------------|-----------------------------|------------------|
| Display technology marketion on Super AMOLEOGivascopeGivascopeGivascopeDisplay brighesom600 cdm²Mulisport mode4.0Naves on display30 ppiSoS aler function36A, AAC, AMR, AWB, MAA, MP3, OGA, OGA, WAA, MP3, MP3, MP3, MP3, MP3, MP3, MP3, MP3 | Display | | Features | |
| Display technology marketing asSuper AMOLEDMultisport modeConstructionDisplay brightness600 drmQuality of stepsKNead ensity of steps300 pointKKAlways-on display4Auio formats supportedSGA AGC AMR, AWB, MAA, MP3, MS3, MS3, MS3, MS3, MS3, MS3, MS3, MS | Display diagonal * | 3.3 cm (1.3") | Accelerometer | 1 |
| Display brightness600 cd/m²Quality of sleep4Pixel density300 pinoSOS alert functionJGA, AAC, AMR, AWB, M4A, MP3, OGA, OGG, WAVNalways-on display4Ambion supportedGGA, AGC, AMR, AWB, M4A, MP3, OGA, OGG, WAVDisplay typeDigitalAmbient light sensor4Display typeJolatMisic informats supportedJGA, AAC, AMR, AWB, M4A, MP3, OGA, OGG, WAVDisplay resolution432 x 432 pixelsVoice recording4Display resolutionVoice recordingJeneJeneTouchscreen*Jolatilion coloursElectronic compassJeneWatch glas typeSapphireGeomagnetic sensorJeneMarke positioning*RoundAlarn clockJeneMarke positioning*AntractchCalendarJeneWatch case scien*40 mmSopwatchJeneWatch case colour*GoldWater forecastMilling standardMilling standardNatch case colourGoldWater resistantMilling standardMilling standardMilling standardMater forecastJoni Antroid 11.0, Android | Display technology * | OLED | Gyroscope | 1 |
| Piel density330 pplSOS alert function✓Always-on display✓Audio formats supportedGGA, AGC, AMR, AWB, MAA, MP3, OGA, OGG, VGAVAlways-on display✓Audio formats supportedGGA, AGC, AMR, AWB, MAA, MP3, OGA, OGG, VGAVDisplay type*DigitalAmbient light sensor✓Display types432 x 432 pixelsVoice recording✓Touchscreen*✓✓✓Display typesSapphireElectronic compass✓Watch glass typeSapphireMusic player✓Market positioning*SmartwatchCalendar✓Market positioning*SmartwatchCalendar✓Watch case size *40 mmStopwatch✓Watch case size *40 mmStopwatch✓Watch case colour *GoldWater resistant✓Watch case material*AluminiumBarometer✓Band colour *GoldMobile network connection *✓Water resistanceSATMMobile network connection *✓Mobile operating system installedWaro CSGalileo✓Noble network generationGold20.110, Android 11.0, | Display technology marketing name | Super AMOLED | Multisport mode | 1 |
| Always-on display | Display brightness | 600 cd/m ² | Quality of sleep | 1 |
| Colour display✓Addia tormats supportedOGA, OGG, WAVDisplay type*DigitalAmbient light sensor✓Display type*DigitalAmbient light sensor✓Display resolution*32 x 432 pixelsTimer✓Display number of colours16 million coloursElectronic compass✓Display number of colours16 million coloursElectronic compass✓Display number of colours16 million coloursElectronic compass✓Display number of colours16 million coloursGeomagnetic sensor✓Display type*NoundAlarm clock✓✓Match case size *40 nmStopwatch✓✓Watch case colour *GoldWeather forecast✓✓Watch case colour *GoldMilliary standardMILLSTD-810HProtection featuresVater resistantMobile network generation✓Mobile operating system supportÁndroid 10.0, Android 11.0, Android 11.0 | Pixel density | 330 ppi | SOS alert function | 1 |
| Display type*DigitalAmbient light sensorDisplay resolution **432 x 432 pixelsVice recordingDisplay resolution **1 million coloursElectronic compassDisplay number of colours1 million coloursElectronic compassWatch glass typeSaphireWusic playerDesignSaphireGeomagnetic sensorDisplay tumber of coloursNamet colour **Market positioning **SmarkvatchAlaren colour **Watch case size **40 mmStopwatchWatch case colour **GoldWeather forecastWatch case colour **GoldWeather forecastMILSTD-B10HWatch case colour **GoldWeather forecastWatch case colour **GoldWeather forecastWatch case colour **GoldWeather forecastWatch case colour **GoldMilliary standardMILSTD-B10HWater resistantInterminiant Protection featuresStopwatchMater position fight fi | | • | Audio formats supported | |
| Display resolution*432 x432 pixelsVoice recording/ < | | | | |
| Touchscreen*////Display number of colors16 million colorsElectron compass/Watch glass typeSaphireMusic player/DesignKerses monitoring function/Shape*RoundAlarm clock/Market positioning*SmartwatchCalendar/Market positioning*MomStopwatch/Watch case size *40 mmStopwatch/Watch case material *AluminiumBarometer/Band colour *GoldWather forecastML-STD-B10HProtection featuresGoldMuliary standardML-STD-B10HProtection features5 ATMMobile network connection */Mobile operating system supportAndroid 10.0, Android 11.0, AndroidScalliel/Mobile operating system support12.0, Android 11.0, AndroidBeiDou/Nobile operating system support12.0, Android 11.0, AndroidBeiDou/Protecsor manufacturerSamsungGoll//Procesor manufacturer16 GBScalliter//Procesor manufacturer2Near Field Communication (NFC)//Built-in micropone *14 MHzNear Field Communication (NFC)//Built-in admetor/Near Field Communication (NFC)//Built-in admetors/Near Field Communication (NFC)//Built-in admetors/Near Field Communication (NFC)// <td></td> <td></td> <td>Voice recording</td> <td>1</td> | | | Voice recording | 1 |
| Depart of coordsDefault of coordsMusic playerI default of coordsWatch glass typeSapp inGeomagnetic sensorI default of coordsShape IRoundAlarra clockI default of coordsMarket positioning ISmartwatchCalendarI default of coordsMatch case size I40 mmStopwatchI default of coordsWatch case size I40 mmStopwatchI default of coordsWatch case material IAluminiumBarometerI default of coordsBand colour IGoldMuliary standardMulisTD-810HProtection featuresWater resistantMulisary standardMulisTD-810HNetworkSatTMMobile network connection II default of coordsMobile operating system supportAndroid 10.0, Android 11.0, Android 11.0 | | • | Timer | 1 |
| Watch glass typeSapphireMusic player✓BeingGeomagnetic sensor✓Shape*RoundAlarca tock✓Market positioning*SmatwatchCalendar✓Watch ase solour*GoldStopwatch✓Watch ase colour*GoldWeather forecast✓Watch ase colour*GoldMiliary standardMIL-STD-810HProtection featuresWater resistantMultientwork generation✓Water resistanceSATMMobile network generation✓PerformanceSandord 11.0, Android 11. | | 16 million colours | Electronic compass | 1 |
| Design Geomagnetic sensor Compagnetic sensor <thcompagnetic sensor<="" th=""> Compagnetic sensor<!--</td--><td></td><td>Sapphire</td><td>Music player</td><td>1</td></thcompagnetic> | | Sapphire | Music player | 1 |
| Shape*RoundAlarm clockVMarket positioning*SmartwatchCalendarVWatch case size*40 mmStopwatchVWatch case colour*GoldWeather forecastVWatch case material*AluminiumBarometerVBand colour*GoldMilitary standardMill_STD-810HProtection featuresWater resistantMill_STD-810HInternational Protection (IP) codeIP68MetworkWater resistance5 ATMMobile network connection *4GPerformanceAndroid 11.0, Android 11.0, Android 12.0BeiDou4GOperating systems supportedAndroid 13.0GloNASS4Itan eanory16 GBPorts & interfaces40001.11, 802.111, 8 | | | Geomagnetic sensor | 1 |
| Market positioning*SmartwatchGalendarCalendarWatch case size*40 mmStopwatchCalendarWatch case colour*GoldWeather forecastWatch case material*AluminumBarometerBand colour *GoldMilitary standardMIL-STD-810HProtection featuresWater resistantMobile network connectionWater resistance5 ATMMobile network generation4GPortection featuresAndroid 11.0, Android 11.0, AndroidBeiDouMobile operating systems supportedAndroid 11.0, Android 13.0BeiDouOperating system installedWear OSGalileoProcessor frequency14 GBPorts AinterfacesProcessor frequency1.4 MHzBuleoothProcessor frequency1.4 MHzBuleooth version *S.3Built-in microphone*Near Field Communication (NFC) *Built-in spacker(S)*Mileoth version *S.3Built-in ate sensor type </td <td>-</td> <td></td> <td>Stress monitoring function</td> <td>1</td> | - | | Stress monitoring function | 1 |
| Watch case size *40 mmCalendaGeldWatch case colour *GoldStopwatchWatch case colour *GoldWeather forecastBad colour *GoldMilitary standardMIL-STD-810HProtection featuresWater resistantMilitary standardMIL-STD-810HInternational Protection (IP) codeIP68Water resistance5 ATMMobile network connection *Mobile operating systems supportedAndroid 10.0, Android 11.0, Android 12.0, Android 13.0GilooOperating system installedWear OSGalileoRAM capacity2000 MBProcessor manufacturerSamsungWi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)Processor frequency1.4 MHzNear Field Communicon (NFC)Built-in microphone *2Sultandards\$.3Built-in spaker(s) *✓SultandardsS.3Built-in aternation *✓SultandardsS.3 | • | | Alarm clock | 1 |
| Watch case colour *GoldWeather forecastVeacher forecastWatch case material *AluminumBarometer✓Band colour *GoldMilitary standardMIL-STD-810HProtection featuresWater resistantMetworkMIL-STD-810HInternational Protection (IP) codP68Mobile network connection *✓Water resistanceS ATMMobile network connection *✓PerformanceMobile network generation4GMobile operating system supportAndroid 10.0, Android 11.0, Android 12.0, Android 13.0GPS (satellite)✓Operating system installedWear OSGalileo✓RAM capacity2000 MBGalileo✓✓Processor manufactureSamsungMi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4Processor frequency1.4 MHzVi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4Built-in microphone *✓Near Field Communication (NFC)✓Built-in microphone *✓S.3S.3Built-in anera *✓S.3S.3Built-in anera *✓S.3S.3Built-in atersensor typeOpticalButery type *BuleutontHeart rate sensor typeOpticalBattery type *Built-in batteryBiod pressure monitor✓Stattery type *Sou makh | | | Calendar | 1 |
| Number of the series | | | Stopwatch | 1 |
| Band colour*GoldMilearly standardMilearly standardMilearly standardProtection featuresWater resistantMilearly standardMilearly standardMilearly standardMater resistance5 ATMKetworkPerformanceAndroid 10.0, Android 11.0, Android 11.0, Android 11.0, Android 13.0Gols (satellite)Operating system installedWear OSGalieloRAd capacity200 MBGalieloFlash memory16 GBVert Standards802.111, 802.1116, 802.1119, | | | Weather forecast | 1 |
| Protection featuresWater resistantMinue y salidaridMinue y salidaridMinue y salidaridInternational Protection (IP) codeIP68 Aetwork Water resistance5 ATMMobile network connection * Performance Code in etwork generation4G code code code code code code code code | | | Barometer | 1 |
| International Protection (IP) codeP68NetworkWater resistance5 ATMMolie network connection **4 Gacacacacacacacacacacacacacacacacacacac | | | Military standard | MIL-STD-810H |
| International Protection (IP) code IP68 Water resistance 5 ATM Mobile network connection * Performance Mobile network generation 4G Mobile operating systems support Android 10.0, Android 11.0, Android GPS (satellite) Operating system installed Mear OS Galieo RAM capacity 2000 MB Galieo Processor manufacturer Samsung Prif standards 802.111a, 802.111b, 802.11g, Wi-Fi 4 Processor frequency 1.4 MHz Processor frequency Processor cores 2 Bluetooth Built-in microphone * Built-in speaker(s) * Samsung Mear Field Communication (NFC)* Built-in area monitor * Heart rate monitor * Buodo pressure monitor < | | | Network | |
| PerformanceMobile network generation GPS (satellite)4GMobile operating systems supported Doperating system installedAndroid 10.0, Android 11.0, Android 12.0, Android 13.0BeiDou4GOperating system installedWear OS CalileoGalileo4GRAM capacity2000 MBPorts & interfaces4GFlash memory16 GBWi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)Processor frequency1.4 MHzBluetooth4GProcessor cores2Near Field Communication (NFC)4Built-in microphone *4Wi-Fi *4Built-in speaker(s) *4Sucoth5.3Features*Bluetooth version *5.3Heart rate monitor *4Acconceptive *BluetoothHeart rate sensor typeOpticalBattery type *Bult-in batteryBlood pressure monitor4Sattery capacity *300 mAh | | | Mobile network connection * | 1 |
| Performance GPS (satellite) GPS (satellite) Addroid 10.0, Android 11.0, Android 11.0, Android 13.0 Mobile operating system installed Android 10.0, Android 11.0, Android 13.0 BeiDou GLONASS Operating system installed Wear OS Galileo Addroid 10.0 Marce RAM capacity 2000 MB Galileo Addroid 10.0, Android 11.0, Android 11.0, Android 11.0, Android 11.0, Android 13.0 Fiash memory 16 GB Galileo Addroid 10.0, Android 13.0 Fiash memory 16 GB Ports & interfaces S02.11a, 802.11b, 80 | Water resistance | 5 ATM | | |
| Mobile operating system issupportAndroid 10.0, Android 11.0, Android 11.0, Android 11.0, Android 13.0BeiDou✓Operating system installedWear OSGalieo✓RAM capacity2000 MBGalieo✓Flash memory16 GBPorts & interfaces✓Processor fnequency1.4 MHzMer OS802.11n, 802.11b, 802.11b, 802.11g, Wi-Fi 4 (802.11n)Processor frequency1.4 MHzMer Field Communication (NFC)✓Processor cores2Bluetooth✓Built-in microphone *✓Near Field Communication (NFC)✓Built-in speaker(s) *✓Bluetooth *✓Built-in camera *✓Sileooth *Sileooth *Features✓Bluetooth *Sileooth *Heart rate monitor *✓✓Heart rate spearotypeOpticalBattery tope *Built-in atteryBood pressure monitor✓Sileooth *Silein tope *Bood pressure monitor✓Sileooth *Silein tope *Sileooth *Silein tope *Sileooth *Silein tope *Silein tope *< | Performance | | | |
| Nonice operating system installed12.0, Android 13.0GLONASSImage: Addition of the system installedOperating system installedWear OSGalileoImage: Addition of the system | Mabile appreting systems supported | Android 10.0, Android 11.0, Android | | • |
| Operating system installedWear OSGalileoGalileoAdd capacityRAM capacity2000 MBPorts & interfacesFlash memory16 GBPorts & interfacesProcessor manufacturerSamsungWi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)Processor frequency1.4 MHzBluetoothProcessor cores2Near Field Communication (NFC) 4Built-in microphone *< | Mobile operating systems supported | 12.0, Android 13.0 | | |
| RAM capacity2000 MBPorts & interfacesFlash memory16 GBPorts & interfacesProcessor manufacturerSamsungWi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)Processor frequency1.4 MHzBluetoothProcessor cores2Near Field Communication (NFC)*Built-in microphone *✓Near Field Communication (NFC)*✓Built-in speaker(s) *✓Bluetooth version *✓Built-in camera *XBluetooth version *5.3Features✓Headphone connectivity *BluetoothHeart rate monitor *✓PowerHeart rate sensor typeOpticalBattery tapacity *Built-in batteryBlood pressure monitor✓Battery capacity *300 mAh | Operating system installed | Wear OS | | |
| Processor manufacturerSamsungWi-Fi standards802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n)Processor frequency1.4 MHzBluetooth(802.11n)Processor cores2BluetoothBuilt-in microphone *Near Field Communication (NFC) *Built-in speaker(s) *Near Field Communication (NFC) *Built-in camera *Bluetooth version *Processor coresSamsungMi-Fi *Built-in speaker(s) * </td <td>RAM capacity</td> <td>2000 MB</td> <td></td> <td>•</td> | RAM capacity | 2000 MB | | • |
| Processor frequency1.4 MHz(802.11n)Processor cores2Bluetooth✓Built-in microphone*✓Near Field Communication (NFC)✓Built-in speaker(s)*✓Vi-Fi*✓Built-in camera*✓Bluetooth version *5.3FeaturesHeart rate monitor *✓✓Heart rate sensor typeOpticalBattery type *Built-in batteryBlood pressure monitor✓Battery capacity *300 mAh | Flash memory | 16 GB | Ports & interfaces | |
| Processor nequency1.4 Min2Processor cores2Bluetooth✓Built-in microphone*✓Near Field Communication (NFC)*✓Built-in speaker(s)*✓✓✓Built-in camera*✓Bluetooth version*5.3FeaturesHeart rate monitor *✓✓Heart rate sensor typeOpticalBattery type *Built-in batteryBlood pressure monitor✓Battery capacity *300 mAh | Processor manufacturer | Samsung | Wi-Fi standards | |
| Processor coresZBuilt-in microphone *✓Built-in speaker(s) *✓Built-in speaker(s) *✓Built-in camera *XBuilt-in camera *XBuetooth version *5.3Heart rate monitor *✓Heart rate sensor typeOpticalBlood pressure monitor✓Sterry capacity *300 mAh | Processor frequency | 1.4 MHz | | |
| Built-in speaker(s)* Vi-Fi* Image: Comparison of the speaker of the | Processor cores | 2 | | |
| Built-in camera* X Bluetooth version * 5.3 Features Headphone connectivity * Bluetooth Heart rate monitor * ✓ Power Heart rate sensor type Optical Battery type * Built-in battery Blood pressure monitor ✓ Battery capacity * 300 mAh | Built-in microphone * | 1 | | |
| Features Headphone connectivity * Bluetooth Heart rate monitor * ✓ Power Heart rate sensor type Optical Battery type * Built-in battery Blood pressure monitor ✓ Battery capacity * 300 mAh | Built-in speaker(s) * | 1 | | |
| FeaturesPowerHeart rate monitor *✓Heart rate sensor typeOpticalBlood pressure monitor✓Stery capacity *300 mAh | Built-in camera * | × | | |
| Heart rate monitor *Image: Constraint of the sensor typeOpticalBattery type *Built-in batteryBlood pressure monitorImage: Constraint of the sensor type300 mAh | Features | | Headphone connectivity * | Bluetooth |
| Blood pressure monitor V Battery capacity * 300 mAh | Heart rate monitor * | 1 | Power | |
| Blood pressure monitor V Battery capacity * 300 mAh | | | Battery type * | Built-in battery |
| | | 1 | Battery capacity * | 300 mAh |
| | | | Wireless charging | 1 |

| Features | | Weight & dimensions | |
|---------------------|---|---------------------|---------|
| Blood oxygen sensor | 4 | Width | 38.8 mm |
| Pedometer | 4 | Depth | 40.4 mm |
| | | Thickness | 9 mm |
| | | Weight | 28.7 g |



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