Galaxy Z Fold3 5G
Specifications

16.0mm · 14.4mm

Galaxy Z Fold3

Our strongest aluminum frame yet
Armor Aluminum

World 1st
Water Resistance[3]
in foldable
IPX8

Toughest glass now on Galaxy Z
Corning® Gorilla® Glass Victus™
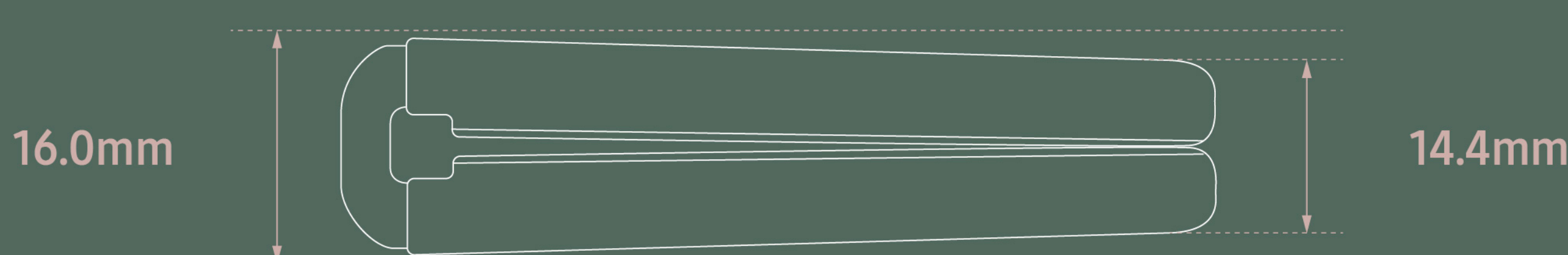
Cover Screen[1]

Galaxy Z Fold3
6.2-inch HD+ Dynamic AMOLED 2X Display (24.5:9), 2268 x 832, 387ppi, 120Hz adaptive refresh rate

Galaxy Z Fold2
6.2-inch HD + Super AMOLED Display (25:9), 2260 x 816, 386ppi, 60Hz refresh rate

Main Screen[2]
7.6-inch QXGA+ Dynamic AMOLED 2X Display (22.5:18), Infinity Flex Display (2208 x 1768), 374ppi, 120Hz adaptive refresh rate

Dimension
Folded
67.1 x 158.2 x 16.0mm ~ 14.4mm
Unfolded
128.1 x 158.2 x 6.4mm

Weight
Galaxy Z Fold3
271g
Galaxy Z Fold2
282g

AP
Galaxy Z Fold3
5nm 64-bit Octa-Core Processor (2.84GHz + 2.4GHz +1.8GHz)
Galaxy Z Fold2
7nm 64-bit Octa-Core Processor (3.09GHz + 2.40GHz +1.80GHz)

Colors
Galaxy Z Fold3
- Phantom Black
- Phantom Green
- Phantom Silver

Galaxy Z Fold2
- Mystic Black
- Mystic Bronze

Rear Triple Camera
Super clear glass with Corning® Gorilla® Glass with DX

Ultra Wide
12MP, F2.2, Pixel size: 1.12μm, FOV: 123˚

Wide-angle
12MP, Dual Pixel AF, OIS, F1.8, Pixel size: 1.8 μm, FOV: 83˚

Telephoto
12MP, PDAF, F2.4, OIS, Pixel size: 1.0μm, FOV: 45˚, Dual OIS, 0.5x out and 2x in optical zoom, Up to 10x digital zoom, HDR10+ recording, Tracking AF

Cover Camera
10MP, F2.2, Pixel size 1.22μm, FOV: 80˚

Under display camera
4MP, F1.8, Pixel size: 2.0μm, FOV: 80˚

Corning® Gorilla® Glass Victus™

Armor Aluminum

158.2mm

128.1mm

Network
LTE[4]
Enhanced 4X4 MIMO, 7CA, LAA, LTE Cat.20

5G[5]
Non-Standalone (NSA), Standalone (SA), Sub6 / mmWave

Authentication[6]
Lock type
Pattern, PIN, Password
Biometric Lock Type
Fingerprint sensor[4], Face recognition

Battery[7]
4,400mAh (typical) dual battery

Memory[8]
12GB RAM with 256GB/512GB internal storage (UFS 3.1)

OS
Android 11

Supports S Pen

No Bluetooth
S Pen Fold Edition[9]
Support Air command
Compatibility Galaxy Z Fold3 only

6.7g · Fold Edition · 7.7Φ
132.1 mm
Air command
Pro tip
Air command / Air actions
173.64 mm
13.8g · 9.5Φ

LED Indicator · Pairing & Switching · Device Switching · USB Socket
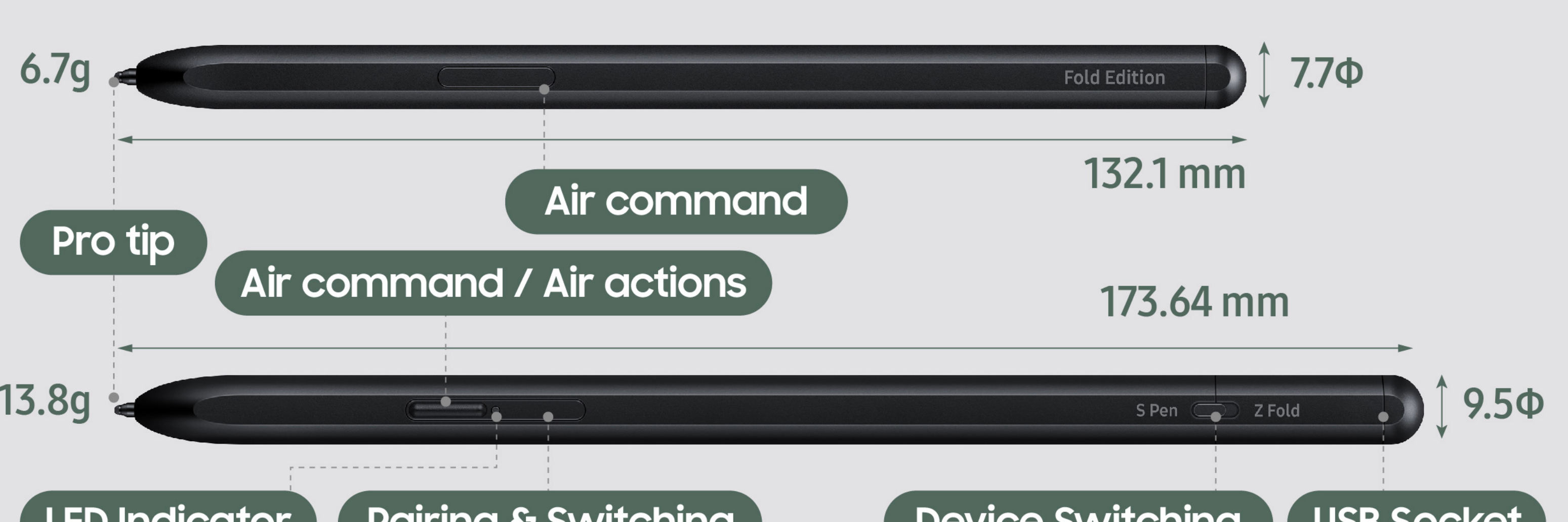
Bluetooth
S Pen Pro[9]
Support Air command, Air actions[10]
Compatibility S Pen supporting devices[11]

SAMSUNG