

Portable Monitor (Series E)

Z1FC (Grey)



Brief introduction :

Z1FC is a 16.1inch high-performance portable gaming monitor built for smooth, immersive gaming anywhere. With a 144Hz refresh rate and 106% sRGB color gamut, it delivers fluid gameplay and vivid visuals, while the 780g ultra-light design makes it easy to take on the go. With USB-C and Mini HDMI plug-and-play connectivity, Z1FC lets you instantly upgrade laptops, consoles, and compatible devices into a high-speed gaming setup

Main selling points:

- **144Hz Refresh Rate:** Experience noticeably smoother motion and faster response for gaming, streaming, and editing on the move.
- **780g Ultra-light:** Delivers desktop-level refresh rates in a travel-ready design.
- **106% sRGB Color Gamut:** Enhanced contrast makes every scene vibrant and immersive.
- **USB-C & Mini HDMI Plug & Play:** Connect instantly to any device for a high-performance gaming setup.

Large Screen Mobile Workspace

1. Smooth Motion. Faster Action. 【144Hz Refresh Rate】

Experience fluid motion and responsive gameplay with a 144Hz refresh rate—ideal for fast-paced gaming, streaming, and smooth everyday use.

2. High Performance, Made Portable. 【780g Ultra-Light Design】

Weighing just 780g, Z1FC brings high-refresh-rate performance into a travel-ready design—perfect for gaming on the move.

3. Vivid Color. More Immersive Play. 【106% sRGB Color Gamut】

A wide 106% sRGB color gamut delivers rich, vibrant colors, bringing games, videos, and creative content to life.

4. Plug In. Game On. 【USB-C & Mini HDMI】

Connect instantly to laptops, consoles, and compatible devices via USB-C or Mini HDMI for an effortless portable gaming setup.

Target user:

PGamers / console gamers / mobile professionals

Users who require:

- Higher refresh rate
- Better visual smoothness

General

Color:	Grey
EAN :	6975114120637
Physical Dimension(mm) :	366*228*9.3mm (length,Width and Thickness)
Bare weight :	780g
Original Package :	10units/cartoon
Weight/Cartoon :	20KG
Weight/gift box :	2.02KG
Size /Cartoon :	54*45*31CM
Size /Gift box :	42.1*28*5CM
Certification :	CCC FCC CE ROHS REACH HDMI
Package Contents:	USB C-USB C Power cable*1, USB C -USB C ull-function data Cable*1, MINI HDMI-HDMI Cable*1; Manual*1;Kick, Sleeve Bag*1
Warranty	2 Years

Display

Display Size (in.):	16.1
Screen size (mm)	355.392×199.908 mm
Panel Type:	IPS Technology
Resolution:	1920 x 1080
Resolution Type:	FHD
Static Contrast Ratio:	1000:1 (typ)
Light Source:	LED
Brightness:	300 cd/m² (typ)
Color Depth :	16.7 Million Colors
Color Depth :	8-bit
Aspect Ratio:	16:9
Viewing Angles:	H:178 V:178(CR≥10)
Response Time	13ms
Curvature:	Flat
Refresh Rate (Hz):	144hz
Blue Light Filter:	Yes
Color Gamut:	sRGB: 106%
Pixel Pitch (mm) :	0.1851×0.1851 mm [127PPI]
Dot Pitch (mm) :	0.0617×0.1851 mm (WxH)
Touch Screen:	Without touch
Surface Treatment:	Matte
HDR:	Supported HDR 10
Storage Temperature:	-20 ~ 60 ° C
Operating Temperature:	0 ~ 50 ° C

Interface

TYPE-C (USB3.1) *2:	Support PD power supply and DP output
miniHDMI (2.0) *1:	Compatible with most HDMI devices
Power Input:	Type-C

Button:

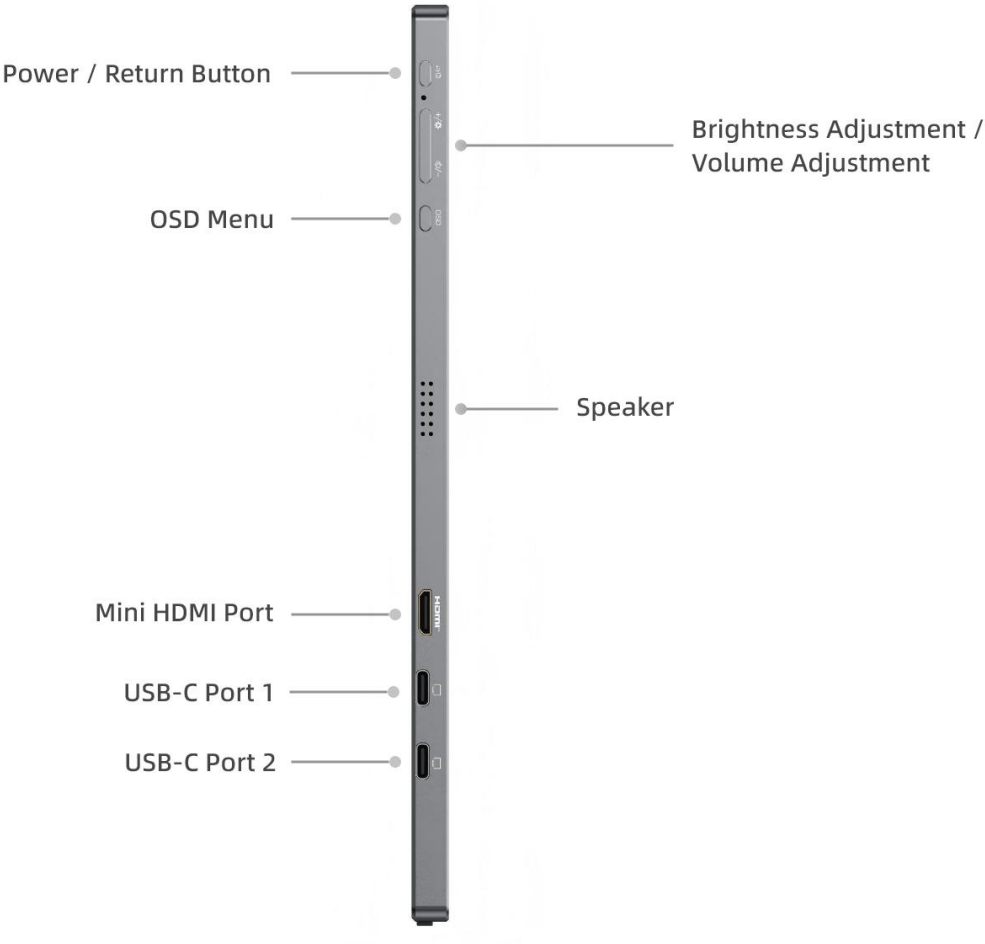
OSD, +, -, Power(exit)

Audio

Built-in dual speakers (1W speakers*2)

Power

Power(operating mode):	10W
Power(off mode)	≤1W
Power supply :	External Power Adapter USB-C 5~20V adapter (support PD input, PD reverse power supply)



Compatibility

Supported Operating System:

Windows , mac OS,iPad OS, Android, Switch,ios, HarmonyOS,Xbox,PS

USB-C Computer Compatibility Guide

Ready to Connect? Read This First!

- 1 Check the USB-C Port Type**
Direct connection requires a full-featured USB-C port, Thunderbolt 3, or Thunderbolt 4.
- 2 Power for Best Performance**
For reverse charging and stable display performance, we recommend using your laptop's original USB-C power adapter, or a USB-C PD fast charger.
- 3 Compatibility Varies by Model**
Laptop models vary widely across brands and series, so not every compatible device can be listed.
- 4 Key Rule**
If your computer has a full-featured USB-C port, Thunderbolt 3, or Thunderbolt 4, it may support direct connection. Other USB-C ports may not support video output.

Supported USB-C Computer Models

APPLE	• MacBook 12 • MacBook Air Series: MacBook Air 2018, 2019, 2020, MacBook Air M1, MacBook Air M2, MacBook Air 13 (M2), MacBook Air 13 (M3), MacBook Air 15 (M3), MacBook Air M4 • MacBook Pro Series: MacBook Pro 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, MacBook Pro 14" (M4 / M4 Pro / M4 Max / M5), MacBook Pro 16" (M4 Pro / M4 Max) • Mac mini Series: Mac mini 2018, 2020, 2023, Mac mini M4, Mac mini M4 Pro
HP	ZHAN 66, ZHAN 99, ZHAN X, ZHAN X13 / X14 / X15, OMEN 4 Pro, OMEN 5 / 5 Air / 5 Plus, OMEN 6 / 6 Pro / 6 Air / 6 Plus, OMEN 7 / 7 Pro / 7 Plus, OMEN 8 / 8 Pro / 8 Plus, EliteBook 830 / 840 / 850, Envy 13 / 14, Spectre x360 13
DELL	XPS 13 / 15 / 17, Inspiron 14 Pro / 15 / 16 Pro, Vostro 13 / 14 / 15 / 16 / 16 Plus, G15, Latitude 13 / 14 / 15, Latitude 7320 / 7420 / 7520 / 9510
LENOVO	YOGA 13s / 14c / 14s / 16s, Xiaoxin 15 / Air 14 / 15 / Pro 14 / 16, Legion 7000 / 7000P / R7000 / R7000P, Legion Y9000P / Y9000K / R9000P / R9000K, ThinkPad X1, ThinkBook 15P
HUAWEI	MateBook 13 / 13s / 14 / 14s / 16 / 16s, MateBook X / X Pro, MateBook E, MateBook D16
XIAOMI	Air 12.5 / 13.3, Pro 14 / 15, Pro X 14 / X 15



Note: Compatibility may vary by model, USB-C port specification, system version, and cable used. Direct connection requires a full-featured USB-C port, Thunderbolt 3, or Thunderbolt 4.

Connection Guide & Compatibility💡

Ready to Connect? Read This First!

1. Power Up for Best Performance ⚡

To keep your display bright and stable, please plug in a power source (5V/3A or above), as this monitor is ultra-slim and has no built-in battery.

2. Will It Work With My Phone? 📱

- **iPhone 15/16 Series:** Support Direct Connection via USB-C. ✅
- **Older iPhone Series:** A Lightning to HDMI Adapter is needed. ⚡
- **Android Devices:** Not all USB-C phones can output video. Please ensure your phone supports "Wired Screen Mirroring" (DP Alt Mode).
- **Best Result:** We highly recommend using a USB-C PD Fast Charger for a 100% stable and bright display experience.

📱 USB-C Smartphone List

APPLE	iPhone Series: iPhone 15/15 Plus/15 Pro/15 Pro Max, iPhone 16/16 Plus/16 Pro/16 Pro Max, iPhone 17/17 Pro/17 Pro Max
HUAWEI	P Series: P20/P20 Pro, P30/P30 Pro, P40/P40 Pro/P40 Pro+, P50/P50E/P50 Pro, P60/P60 Pro/P60 Art Pura Series: Pura 70/70 Pro/70 Pro+/70 Ultra, Pura 80 Pro/80 Pro+/80 Ultra, Pura X Mate Series: Mate 10/10 Pro, Mate 20/20 Pro, Mate 30/30E Pro/30 Pro/30 RS, Mate 40/40E/40E Pro/40 Pro/40 RS, Mate 50/50 Pro/50 RS, Mate 60/60 Pro/60 Pro+/60 RS, Mate 70/70 Pro/70 Pro+/70 RS, Mate 80/80 Pro/80 Pro Max/80 RS Foldable Series: Mate X, Mate Xs 2, Mate X2, Mate X3, Mate X5, P50 Pocket, Mate X6, Mate XT, Mate XTs, Mate X7
SAMSUNG	S Series: Galaxy S8/S8+, S9/S9+, S10/S10e/S10+, S20/S20+/S20 Ultra/S20 FE, S21/S21+/S21 Ultra/S21 FE, S22/S22+/S22 Ultra, S23/S23+/S23 Ultra/S23 FE, S24/S24+/S24 Ultra, S25/S25+/S25 Ultra/S25 Edge, S26/S26+/S26 Ultra Note Series: Note 8, Note 9, Note 10/10+, Note 20/20 Ultra Z Series: Galaxy Fold, Galaxy Z Fold 2/Fold 3/Fold 4/Fold 5/Fold 6, Galaxy Z Flip 6/Flip 5, Fold 7/Flip 7/Flip 7 FE, Galaxy Z TriFold W Series: W20, W21, W22, W23, W24/W24 Flip, W25/W25 Flip, W26 A Series: Galaxy A90
HONOR	Magic Series: Magic 3/3 Pro/3 Ultimate Edition, Magic 4/4 Pro/4 Ultimate Edition, Magic 5 Pro/5 Ultimate Edition, Magic 6 Pro/Magic 6 RSR/Magic 6 Ultimate Edition, Magic 7 Pro/Magic 7 RSR, Magic 8 Pro Foldable Series: Magic V, Magic V2, Magic Vs2, Magic V2 RSR, Magic V3/Vs3, Magic V5 Others: Note 10, V20
OPPO	Find N Series: Find N2, Find N3, Find N5 Find X Series: Find X2 Series, Find X3 Series, Find X5 Series, Find X6 Pro, Find X7 Ultra, Find X8 Pro/Find X8 Ultra, Find X9 Pro Others: R17 Pro, Reno 10x zoom version
XIAOMI	Xiaomi Series: Xiaomi 14/14 Pro/14 Ultra, Xiaomi 15/15 Pro/15 Ultra/15S Pro, Xiaomi 17/17 Pro/17 Pro Max/17 Ultra
REALME	realme GT5 Pro
VIVO	X Fold Series: vivo X Fold/X Fold+, vivo X Fold3/X Fold3 Pro, vivo X Fold5 X Series: vivo X300/X300 Pro, vivo X200 Ultra/X200 Pro, vivo X100 Ultra/X100s Pro/ vivo X100 Pro, vivo X90 Pro/X90 Pro+, vivo X80 Pro (Snapdragon Edition)/X80 Pro (Dimensity Edition), vivo X Note, vivo X70 Pro+
IQOO	iQOO Series: iQOO 13, iQOO 15
NUBIA	nubia Series: Z50, Z50S Pro, Z50 Ultra, Z60 Ultra, Z60S Pro, Z70 Ultra/Z70S Ultra, Z80 Ultra Red Magic Series: Red Magic 7/7S/7S Pro/7 Pro, Red Magic 8 Pro/8 Pro+/8S Pro/8S Pro+, Red Magic 9 Pro/9 Pro+, Red Magic 10 Pro/10 Pro+/10S Pro/10S Pro+, Red Magic 11 Pro/11 Pro+
ONEPLUS	OnePlus Series: OnePlus 12, OnePlus 10 Pro, OnePlus 9, OnePlus 9Pro, OnePlus 9R, OnePlus 13
BLACKSHARK	Blackshark Series: Blackshark 4 Series, Blackshark 5 Series

USB-C Tablet Compatibility Guide💡

📱 Ready to Connect? Read This First!

1 Power for Best Performance

For a brighter and more stable display, we recommend connecting the monitor to a power source rated 5V/3A or above. Most portable monitors are ultra-slim and do not include a built-in battery.

2 Check USB-C Video Output

A USB-C port does not always support video output. Direct connection usually requires USB-C with DisplayPort Alt Mode or a full-featured USB-C port.

3 Mirror Mode vs. Extend Mode

Tablet display behavior depends on the tablet system. Some tablets may support screen mirroring only, while others may support extended display.

4 Best Setup Tip

If your tablet has only one USB-C port, we recommend using a USB-C PD charger or powered adapter for a more stable connection.

📱 Supported USB-C Tablet Models

APPLE	• iPad mini Series: iPad mini 6, iPad mini (A17 Pro) • iPad Series: iPad 10 • iPad Pro Series: iPad Pro 2018 / 2020 / 2021 / 2022, iPad Pro (M4), iPad Pro (M5) • iPad Air Series: iPad Air 4 / 5, iPad Air (M2), iPad Air (M3)
HUAWEI	• MatePad Pro Series: MatePad Pro 13.2" 2025, MatePad Pro 12.2", MatePad Pro 11" 2024, MatePad Pro 13.2", MatePad Pro 13.2" Collector's Edition • MatePad Air Series: MatePad Air 12" • MateBook E Series: MateBook E 2023, MateBook E Go • MatePad Series: MatePad 11.5S • MatePad Edge Series: MatePad Edge • MatePad Mini Series: MatePad Mini, MatePad Mini Collector's Edition
SAMSUNG	Galaxy Tab S4, Galaxy Tab S6, Galaxy Tab S7 / S7+, Galaxy Tab S8 / S8+ / S8 Ultra, Galaxy Tab S9 / S9+ / S9 Ultra, Galaxy Tab S10+ / S10 Ultra, Galaxy Tab S11 / S11 Ultra
HONOR	MagicPad Series: MagicPad 3 / 3 Pro
LENOVO	Xiaoxin Pad Pro 12.6, Xiaoxin Pad Pro 2022, Legion Y700, Legion Y900, Lenovo YOGA Series
MICROSOFT	Surface Pro 7 / 7+ / 8 / 9 / 10 / 11, Surface Go 2 / 3 / 4
XIAOMI / REDMI	• Xiaomi Pad Series: Xiaomi Pad 6 / 6 Pro / 6S Pro / 6 Max, Xiaomi Pad 7 / 7 Pro / 7S Pro 12.5 / 7 Ultra, Xiaomi Pad 8 / 8 Pro • REDMI Pad Series: REDMI K Pad
vivo / iQOO	• vivo Pad Series: vivo Pad Air, vivo Pad2, vivo Pad, vivo Pad3 Pro, vivo Pad 3, vivo Pad 5e / 5 • iQOO Pad Series: iQOO Pad, iQOO Pad Air, iQOO Pad 2, iQOO Pad 2 Pro, iQOO Pad 5e / 5 / 5 Pro
OPPO / ONEPLUS	• OPPO Series: OPPO Pad 3 / 3 Pro, OPPO Pad 4 Pro, OPPO Pad 5 • OnePlus Series: OnePlus Pad, OnePlus Pad Pro, OnePlus Pad 2 Pro



Note: Compatibility may vary by model, region, system version, USB-C port specification, and cable used. Direct connection requires support for video output or DisplayPort Alt Mode.