USB Monitor

PC Case Secondary Screen | Desktop Ambient Screen

USB Communication
One-cable Connection

Music Spectrum Analysis
Music visualization

Display Rotation Adjustment
Horizontal / Vertical Filp

Brightness Adjustment
Software Control

14:39:47
2024-05-08 87°F
RAM
73%
CPU
51°C
CPU
7%
GPU
41%
6%
15:40:48
2024-01-06
CPU
GPU
RAM
64
64
64
18:18

Features At A

Glance

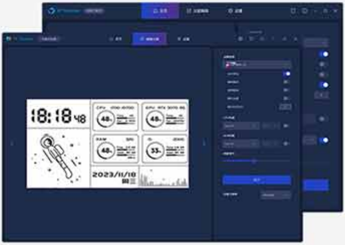
Music Spectrum Theme

Supports using custom audio file or audio capture with onboard microphone

WAV
WAV
18:18 48
48°
48°
48%
28°
20.5KB/s
20.5KB/s

Dynamic Theme Editor

Provides Waveshare self-developed software, easy to use, supports visual editing and real-time preview

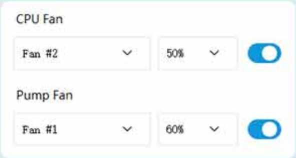

18:18 48
2023/11/18

Various Theme Resources

Comes with free cool theme packs

18:18
48
48
48
18%

Fan Speed Control



CPU Fan

Fan #2 ⌄ 50% ⌄ ●

Pump Fan

Fan #1 ⌄ 60% ⌄ ●

Free Angle Bracket

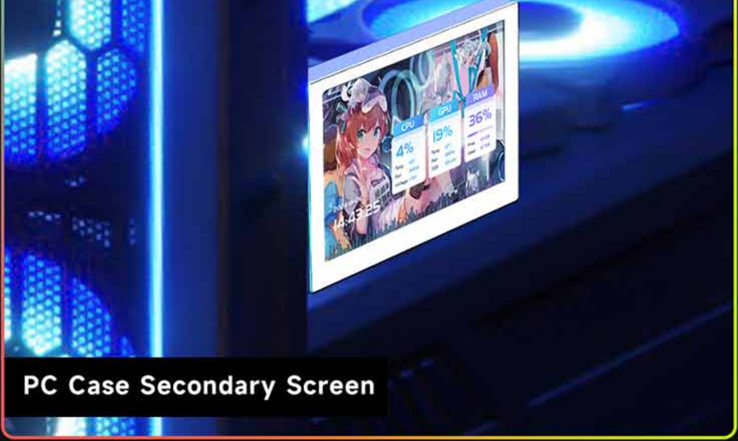
More convenient to install the USB screen

USB Connector

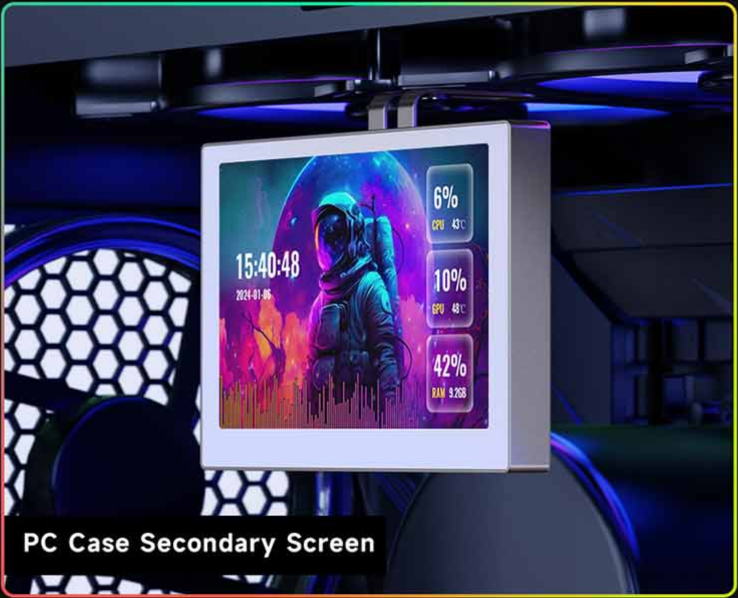
Type-C one-cable connection,
no complicated wiring, without occupying
graphics card resources

CPU
GPU
RAM
4%
19%
36%
14:43:25

Application Examples


CPU
4%
GPU
19%
RAM
36%
14:43:25

PC Case Secondary Screen


15:40:48
2024-01-06
6%
CPU 43℃
10%
GPU 48℃
42%
RAM 9.2GB

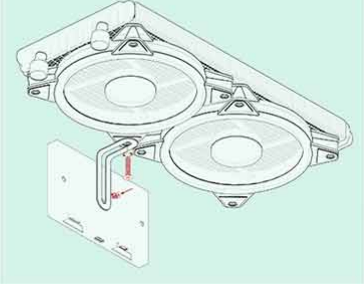
PC Case Secondary Screen

CPU
4%
GPU
19%
RAM
36%
14:43:25

Desktop Side Monitor

How To Install

PC Case Monitoring Screen	Desktop Side Monitor
① Install the screen to the fan via the angle bracket and screws	① Place the USB screen directly on the desktop



2

Connect to the USB 9PIN header of the host via 9PIN to 4PIN USB cable

4PIN interface of the screen

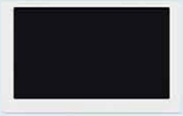
9PIN header of the host

15:40:43
6%
18%
42%

CPU
GPU
RAM
4%
19%
36%
14:43:25

2

Connect to the USB port of the host via Type-C to USB cable

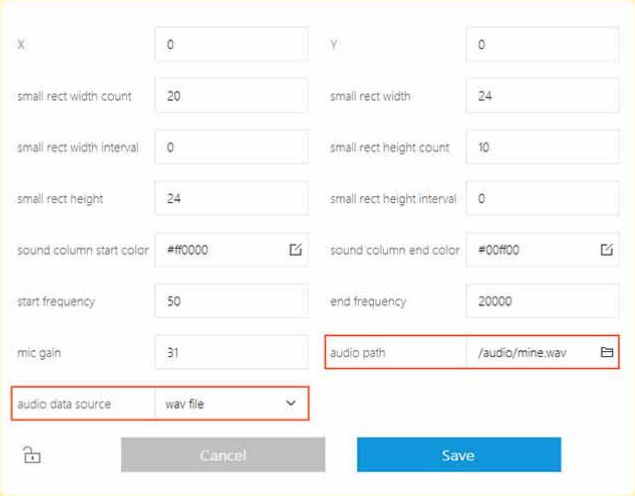


Type-C port of the screen

USB port of the host

1 Wav Audio Analysis

Set the audio data source to "wav file", then select .wav audio file, the software will automatically analyze the audio file and transform into a music spectrum theme.



X	0	Y	0
small rect width count	20	small rect width	24
small rect width interval	0	small rect height count	10
small rect height	24	small rect height interval	0
sound column start color	#ff0000	sound column end color	#00ff00
start frequency	50	end frequency	20000
mic gain	31	audio path	/audio/mine.wav
audio data source	wav file		

Cancel
Save

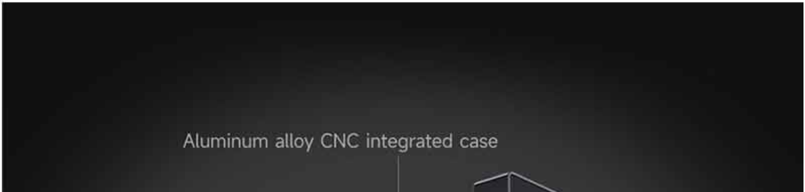
2 Microphone Audio Capture

Set the audio data source to "audio mic", and the microphone will capture nearby audio signals and transform them into the spectrum of the theme.

1:54
Restart
Wisp X
16:45:30
2024-01-06
ASUS TUF GAMING B660M-PLUS WIFI D4
13th Gen Intel Core i5-13400F
NVIDIA GeForce RTX 2060
CPU 4%
GPU 22%
RAM 50%
12

CNC Integrated Process

Adopts An Aluminum Alloy Case, Rigid And Durable, Improving The Overall Quality

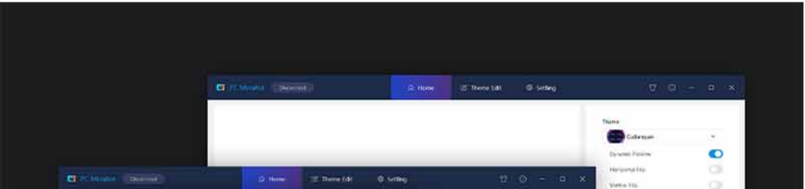

Aluminum alloy CNC integrated case

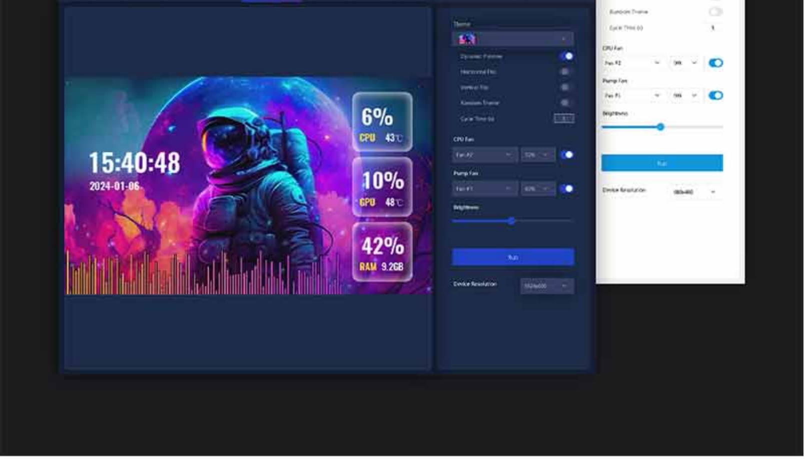
6%
CPU 43℃
10%
GPU 48℃
42%
RAM 9.2GB
15:40:48
2024-01-06
48°
48°
48
28°
Anodized surface process

Provides Self-Developed Software Supports One-Click Operation

Easy To Use Without Complicated Operation, Clear UI Interface

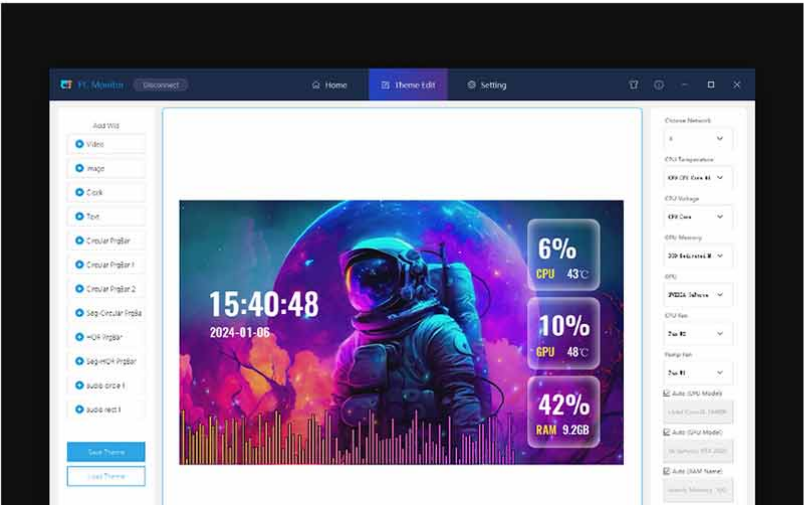
Supports Light & Dark Color Theme Switching


PC Monitor
Disconnect
Home
Theme Edit
Setting
Theme
Dynamic Preview
Horizontal Flip
Vertical Flip
PC Monitor
Disconnect
Home
Theme Edit
Setting


15:40:48
2024-01-06
6%
CPU 43℃
10%
GPU 48℃
42%
RAM 9.2GB
Theme
CPU Fan
Pump Fan
Brightness
Run
Device Resolution

Visual Theme Editor

Easy To Operate, Edit And Preview The Theme Layout In Real-Time


PC Monitor
Disconnect
Home
Theme Edit
Setting
Add Wid
Video
Image
Clock
Text
Circular PrgBar
Circular PrgBar 1
Circular PrgBar 2
Seg-Circular PrgBa
HOR PrgBar
Seg-HOR PrgBar
audio circle 1
audio rect 1
Save Theme
Load Theme
15:40:48
2024-01-06
6%
CPU 43℃
10%
GPU 48℃
42%
RAM 9.2GB
Choose Network
CPU Temperature
CPU Voltage
GPU Memory
GPU
CPU Fan
Pump Fan
Auto (CPU Model)
Auto (GPU Model)
Auto (RAM Name)

Various Data Monitoring

CPU

Usage / Model / Temperature
Voltage / Frequency / Fan

Graphics Card

Usage / Power Consumption / Model / Fan
Frequency / Temperature / Water Pump Fan

Memory

Usage / Model / Name
Available Memory / Used memory

Hard Disk Drive

Partition Utilization / Temperature

Network

Upload Speed / Download Speed

Others

Board Model / City / Weather / Date Time / Volume

Some Themes Show

Free Themes Are Constantly Updated

CPU
GPU
RAM
64°
64°
64°
18:18

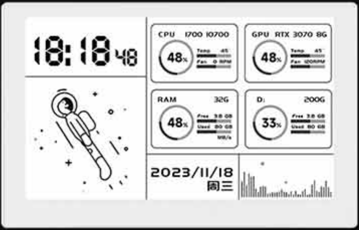
日富
一日
RI FU YI RI YOU YI RI
18:18
2023/11/18
64°
64°
64°
CPU
GPU
RAM

16:45:30
2024-01-06
ASUS TUF GAMING B660M-PLUS WIFI D4
13th Gen Intel Core i5-13400F
NVIDIA GeForce RTX 2060
CPU 4%
GPU 22%
RAM 50%
12

15:40:48
2024-01-06
6%
CPU 43℃
10%
GPU 48℃
42%
RAM 9.2GB

CPU使用率
16
显卡使用率
7
内存使用率
65
系统盘使用率
15
14:03:06

64
18:18
48°
RAM
28
50°
DOWM
20.3KB/s


18:18 48
CPU I7 10700
48%
Temp 45
Fan 0 RPM
GPU RTX 3070 8G
48%
Temp 45
Fan 1200RPM
RAM 32G
48%
Free 3.8 GB
Used 80 GB
D: 200G
33%
Free 3.8 GB
Used 80 GB
MB/s
2023/11/18
周三

CPU
4%
GPU
19%
RAM
36%
2024-01-06
14:43:25

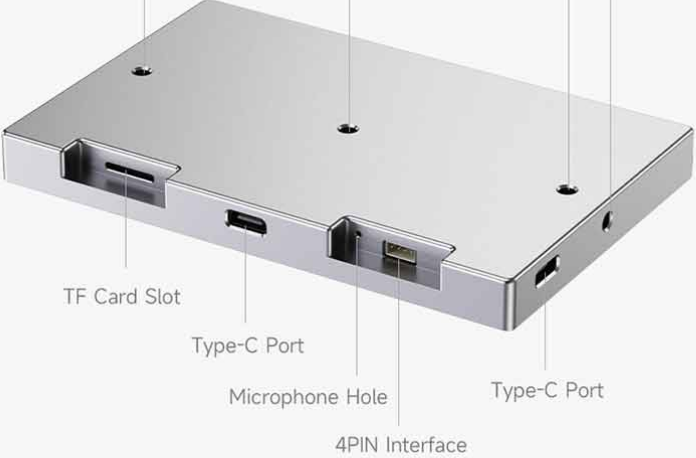
18:18 48
48°
48°
48%
28°
20.3KB/s
20.3KB/s

18:18 48
48°
48°
48%
28°
20.3KB/s
20.3KB/s

21%
CPU
43%
RAM
Corsair Vengeance LPX
09
23
23/09/2023
60%
CPU
68%
RAM
Corsair Vengeance LPX

18:18
2023/11/18
48
CPU %
48
GPU %
48
RAM %

M4 Mounting Holes


TF Card Slot
Type-C Port
Microphone Hole
4PIN Interface
Type-C Port