

Compatible VR Equipment

What VR equipment is compatible with VR-All-Art, what are the specifications and prices.

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VR Equipment & Specifications

Mobile VR equipment with 6 Dof and controllers

Oculus Quest 64Gb

Resolution per eye: 1440 x 1600

FoV (field of view): ~96°

Display panel: Dual AMOLED

Refresh rate: 72Hz

Tracking: 6DoF Inside-out tracking

Price: 455 EUR

Oculus Quest 128Gb

Resolution per eye: 1440 x 1600

FoV (field of view): ~96°

Display panel: Dual AMOLED

Refresh rate: 72Hz

Tracking: 6DoF Inside-out tracking

Price: 584 EUR

HTC Vive Focus plus

Resolution per eye: 1440 x 1600

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 75Hz

Tracking: 6DoF Inside-out tracking

Price: 800 EUR

Standalone VR Headsets with 6 Dof and controllers

Oculus Rift S

Resolution per eye: 1280 x 1440

FoV (field of view): ~100°

Display panel: RGB LCDs

Refresh rate: 80 Hz

Tracking: 6DoF Inside-out tracking

Price: 475 EUR

HTC Vive

Resolution per eye: 1080 x 1200

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: Base Stations

Price: 450 EUR

HTC Vive PRO (Full kit)

Resolution per eye: 1440 x 1600

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: Base Stations

Price: 1170 EUR

HTC Vive PRO (Full kit) + Wireless adapter

Resolution per eye: 1440 x 1600

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: Base Stations

Price: 1520 EUR

HTC Vive Cosmos

Resolution per eye: 1400 x 1700

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: 6DoF Inside-out tracking

Price: 774 EUR

HTC Vive Cosmos Elite (Full kit)

Resolution per eye: 1400 x 1700

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: Base Stations

Price: 995 EUR

Valve Index VR Full Kit

Resolution per eye: 1440 x 1600

FoV (field of view): ~130°

Display panel: RGB LCDs

Refresh rate: 120Hz

Tracking: Base Stations

Price: 1200 EUR

HP - Windows Mixed Reality Headset with 2 wireless controllers

Resolution per eye: 1440 x 1440

FoV (field of view): ~100°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: 6DoF Inside-out tracking

Price: 400 EUR

Dell VR118 Mixed Reality Headset Bundle with 2 wireless controllers

Resolution per eye: 1440 x 1440

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: 6DoF Inside-out tracking

Price: 429 EUR

Samsung Odyssey+ Windows Mixed Reality Headset with 2 wireless controllers

Resolution per eye: 1440 x 1600

FoV (field of view): ~110°

Display panel: Dual AMOLED

Refresh rate: 90 Hz

Tracking: 6DoF Inside-out tracking

Price: 475 EUR

Acer OJO 500 Windows Mixed Reality Headset with 2 wireless controllers

Resolution per eye: 1440 x 1440

FoV (field of view): ~100°

Display panel: RGB LCDs

Refresh rate: 90 Hz

Tracking: 6DoF Inside-out tracking

Price: 516 EUR

HP Reverb VR1000-200nn Windows Mixed Reality Headset with 2 wireless controllers

Resolution per eye: 2160 x 2160

FoV (field of view): ~100°

Display panel: RGB LCDs

Refresh rate: 90 Hz

Tracking: 6DoF Inside-out tracking

Price: 580 EUR

Pimax 5K Plus + Base stations and 2 wireless controllers

Resolution per eye: 2560 x 1440

FoV (field of view): ~170°

Display panel: CLPL

Refresh rate: 144Hz

Tracking: Base Stations

Price: 1329 EUR

Pimax 8K Plus + Base stations and 2 wireless controllers

Resolution per eye: 3840 x 2160

FoV (field of view): ~170°

Display panel: CLPL

Refresh rate: 110Hz

Tracking: Base Stations

Price: 1336 EUR

Pimax 5K XR + Base stations and 2 wireless controllers

Resolution per eye: 2560 x 1440

FoV (field of view): ~200°

Display panel: Dual OLED

Refresh rate: 85Hz

Tracking: Base Stations

Price: 1586 EUR

Pimax 8K X + Base stations and 2 wireless controllers

Resolution per eye: 3840 x 2160

FoV (field of view): ~200°

Display panel: CLPL

Refresh rate: 90 Hz

Tracking: Base Stations

Price: 2134 EUR

VR Ready Desktop computers

VR Ready minimum recommended (example)

Lenovo IdeaCentre

T540

(Intel Core i5-9400F, 16GB, 256GB SSD, GeForce GTX 1660)

Price: 850 EUR

VR Ready recommended (example)

Lenovo IdeaCentre

T540

(Intel Core i7-9700, 16GB, 500GB SSD GeForce RTX 2070 SUPER)

Price: 1500 EUR

VR Ready high-end recommended (example)

HP 880-192nz

(Intel Core i7-9700K, 32GB, 512GB SSD GeForce RTX 2080Ti)

Price: 3400 EUR

VR Ready Laptops

VR Ready minimum recommended (example)

ASUS TUF Gaming

FX505DU-AL137T

(15.60", Full HD, AMD Ryzen 7 3750H, 16GB, 512GB SSD GeForce GTX 1660Ti)

Price: 1326 EUR

VR Ready recommended (example)

Medion Erazer

X15809

(15.60", Full HD, Intel Core i7-9750H, 16GB, 512GB SSD, GeForce RTX 2070 Max-Q)

Price: 1450 EUR

VR Ready high-end recommended (example)

HP OMEN

15-DH0020NG

(15.60", UHD, Intel Core i9-9880H, 32GB, 1000GB SSD, GeForce RTX 2080)

Price: 2800 EUR

Recommended VR Equipment

Oculus Quest

- for an independent VR headset you can carry with you wherever you go



Recommended for best mobile VR experience

Oculus Quest (64Gb/128Gb)

Specification:

Weight	~590 grams
DISPLAY Type	OLED
Resolution	1440x1600 per eye
Refresh rate	72Hz
FOV	~95-100°
Tracking	6DoF (inside out)
OS	Android 7.1.1
Battery	3648mAh 3.85v Lithium-Ion Polymer
Speakers	Stereo x2
Microphone	Yes
WLAN	Wi-Fi 802.11 a/b/g/n/ac
Input	Oculus Touch controller (x2)

Price: ~455 EUR (64Gb) / 584 EUR (128Gb)



Oculus Rift S + Lenovo IdeaCentre T540 (or similar)

- for the best desktop VR experience on a budget



Recommended for best desktop budget VR experience

Oculus Rift S

Specification:

Weight	~561 grams
Display type	RGB LCDs
Resolution	1280 x 1440 per eye
Refresh rate	80 Hz
FOV	~100°
Tracking	6DoF (inside out)
Speakers	Stereo x2
Microphone	Yes
Input	Oculus Touch controller (x2)
Cables	5 meter 2-in-1 tether cable (DisplayPort 1.2, USB 3.0)

Price: ~475 EUR

Lenovo IdeaCentre T540 (or similar)

Specification:

Processor	Intel Core i5-9400F
RAM	16 Gb DDR4
Storage	256 Gb SSD
Graphic card	GeForce GTX 1660

Price: ~850 EUR



HTC Vive Cosmos Elite + Lenovo IdeaCentre T540 (or similar)

- for the most solid desktop VR experience



Recommended for best mid-end desktop VR experience

HTC Vive Cosmos Elite

Specification:

Weight	~702 grams
Display type	Dual AMOLED
Resolution	1400 x 1700 per eye
Refresh rate	90 Hz
FOV	~110°
Tracking	6DoF (SteamVR 2.0)
Speakers	Stereo x2
Microphone	Yes
Input	HTC vive controller (x2)
Cables	USB 3.0, DisplayPort 1.2, AC Power, proprietary data cable
Extra	2x Vive Base Station 1.0

Price: ~995 EUR



Lenovo IdeaCentre T540 (or similar)

Specification:

Processor	Intel Core i7-9700
RAM	16Gb DDR4
Storage	500 Gb SSD
Graphic card	GeForce RTX 2070 SUPER

Price: ~1500 EUR

HP Reverb + HP 880-192nz (or similar)

- for the most complete desktop VR experience



Recommended for best high-end desktop VR experience



HP Reverb

Specification:

Weight	~498 grams
Display type	RGB LCDs
Resolution	2160 x 2160 per eye
Refresh rate	90 Hz
FOV	~110°
Tracking	6DoF (inside out)
Speakers	Stereo x2
Microphone	Yes
Input	Microsoft mixed reality controller (x2)
Cables	3.5m 2-in-1 (DisplayPort 1.3 and USB 3.0)

Price: ~580 EUR

HP 880-192nz (or similar)

Specification:

Processor	Intel Core i7-9700K
RAM	32Gb DDR4
Storage	512 Gb SSD
Graphic card	GeForce RTX 2080 Ti

Price: ~3400 EUR

Oculus Rift S + ASUS TUF Gaming (or similar)

- for the best laptop VR experience on a budget



Recommended for best laptop budget VR experience

Oculus Rift S

Specification:

Weight	~561 grams
Display type	RGB LCDs
Resolution	1280 x 1440 per eye
Refresh rate	80 Hz
FOV	~100°
Tracking	6DoF (inside out)
Speakers	Stereo x2
Microphone	Yes
Input	Oculus Touch controller (x2)
Cables	5 meter 2-in-1 tether cable (DisplayPort 1.2, USB 3.0)

Price: ~475 EUR



ASUS TUF Gaming (or similar)

Specification:

Screen	15.60", Full HD
Processor	AMD Ryzen 7 3750H
RAM	16 Gb DDR4
Storage	512 Gb SSD
Graphic card	GeForce GTX 1660Ti (mobile)

Price: ~1320 EUR

HP Reverb + HP OMEN 15-DH0020NG (or similar)

- for the laptop VR experience of the best quality



Recommended for best high-end laptop VR experience

HP Reverb

Specification:

Weight	~498 grams
Display type	RGB LCDs
Resolution	2160 x 2160 per eye
Refresh rate	90 Hz
FOV	~110°
Tracking	6DoF (inside out)
Speakers	Stereo x2
Microphone	Yes
Input	Microsoft mixed reality controller (x2)
Cables	3.5m 2-in-1 (DisplayPort 1.3 and USB 3.0)

Price: ~580 EUR



HP OMEN 15-DH0020NG (or similar)

Specification:

Screen	15.60", UHD
Processor	Intel Core i9-9880H
RAM	32 Gb DDR4
Storage	1000 Gb SSD
Graphic card	GeForce RTX 2080 (mobile)

Price: ~2800 EUR

