ThinkReality

The smarter vision for a transformative workplace

Lenovo ThinkReality A3 PC Edition
smart glasses and Intel®-powered
ThinkPad® laptops running Windows 11 Pro

Multimonitor setups have become the standard for knowledge workers in the modern workplace. And there's a good reason for it — studies have shown that employees are up to 42% more productive compared to working with a single monitor.[1]

What if your users could bring the productivity of a multiscreen environment with them wherever they worked — even in confined or crowded spaces — without exposing what they were working on?

The Lenovo ThinkReality A3 is a next-generation AR solution that does just that.

The A3 not only allows engineers and designers to virtually render 3D CAD images — it also allows any user to arrange multiple 1080p virtual screens for a full multimonitor experience. Simply connect to a Lenovo ThinkPad® powered by Intel vPro,® An Intel® Evo™ Design, and running Windows 11 Pro for business.

And, because the virtual screens are visible only to the user, confidential work can happen anywhere with crystal-clear resolution.

intel.
vPRO
An Evo™ Design

Windows 11

Lenovo recommends
Windows 11 Pro for Business.

Smarter
technology
for all

Lenovo

ThinkReality A3 PC Edition smart glasses

Key features

Hardware

- Qualcomm® XR-1 SmartViewer
- Dual 1080p AR displays
- Integrated speakers and microphone
- Dual fisheye cameras
- 8MP RGB camera
- USB-C connection to PC
- Room-scale tracking in six degrees of freedom
- Lightweight (4.6 oz./130 gm)
- Ergonomic fit kit
- IP54 rating

Software

- Lenovo Virtual Display Manager to manage and control up to five virtual displays (included with the PC Edition)
- TechViz Share&Viz to switch from viewing a CAD model on the PC to its 3D representation on the A3 in real time (separate license required)

Accessories kit (included)

- Protective carrying case
- Prescription inserts available
- Removable cable

PC requirements for multiscreen display with the ThinkReality A3 PC Edition

	INTEGRATED GRAPHICS SYSTEM	DISCRETE GRAPHICS SYSTEM
Maximum number of virtual displays	6	8
CPU	Intel® 10th Gen i5 or better	Intel® i5 or better
GPU		Intel® UHD Graphics or better
Memory	8GB, dual channel	8GB, dual channel
Windows OS	Windows 11 21H2 or better	Windows 11 21H2 or better Windows 10 20H2 or better
USB-C ports	USB 3.1 Type-C Gen 1 with DisplayPort 1.2	

Recommended ThinkPad devices

Hybrid workers —
switching between office and remote

ThinkPad® X1 Carbon

Power and portability in a premium package that delivers an impressive combination of performance, responsiveness, and battery life.
- Powered by Intel vPro®, An Intel® Evo™ Design with 12th Gen Intel® Core™ i7 processor
- Running Windows 11 Pro
- Ultra-thin and ultra-light redesigned chassis
- Impressive 16:10 display
- Wider TouchPad
- Larger battery for more time unplugged

Mobile users —
road warriors on the go

ThinkPad® X1 Nano

Our lightest laptop ever at just 2 lbs. (1 kg) with Wi-Fi 6 for fast access to crowded public platforms and optional 4G/5G capabilities for secure access to corporate networks.
- Powered by Intel vPro®, An Intel® Evo™ Design with 12th Gen Intel® Core™ i7 processor
- Running Windows 11 Pro
- Heavyweight performer with a 13″ display
- Always-on responsiveness
- Speedy Thunderbolt™ 4
- Rapid charge technology
- A 16:10 aspect ratio for more screen

Power users —
demanding applications

ThinkPad® P16 Mobile Workstation

Next-level performance and productivity with up to 8TB of super-fast SSD storage and 128GB of DDR5 memory. Tether the A3 to this workstation using the TechViz Share&Viz application and revolutionize how teams use 3D models. With the additional graphics horsepower, users can access up to five virtual screens.
- Powered by all-new 12th Gen Intel® Core™ i9 HX processors
- Running Windows 11 Pro
- Latest professional NVIDIA RTX graphics
- All-new 16″ display
- ISV-certified for professional applications like Creo® and SOLIDWORKS®

Envision productivity on a whole new scale

The ThinkReality A3 PC Edition with Intel®-powered ThinkPad devices running Windows 11 Pro for business creates more productivity, portability, and privacy than ever before.

Contact your Lenovo ThinkReality representative or visit **www.lenovo.com/ThinkReality** to learn more today.

[1] Jon Peddie Research, "Multiple Displays can Increase Productivity by 42%," October 2017

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Windows 11 Pro for Business.