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.

Lenovo recommends Windows 11 Pro for Business.
**ThinkPad® X1 Carbon**

- 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

**ThinkPad® X1 Nano**

- Powered by Intel vPro®, An Intel® Evo™ Design with 12th Gen Intel® Core™ i7 processor
- Running Windows 11 Pro
- 13" display
- Always-on responsiveness
- Speedy Thunderbolt™ 4
- Rapid charge technology
- A 16:10 aspect ratio for more screen

**ThinkPad® P16 Mobile Workstation**

- 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®

**PC requirements for multiscreen display with the ThinkReality A3 PC Edition**

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

**Recommended ThinkPad devices**

- **Hybrid workers** — switching between office and remote

- **Mobile users** — road warriors on the go

- **Power users** — demanding applications

**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
- IPS4 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

**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](http://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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