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Getting more out of Windows 365

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Agenda

- Intro
- Windows 365 Boot
- Windows 365 GPU
- Windows 365 Frontline
- Windows 365 Switch
- Securing your Windows 365 PC's

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Paul Winstanley

- 7x MVP (Enterprise Mobility)
- Barnsley lad living in 'that' London
- Independent consultant – Spenser for Hire
- 30 years in IT
- https://x.com/SCCMentor
- https://sccmentor.com

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Niall Brady

- **An Irish expat thriving in Sweden!** `IESE`
  - 🏢 Works for a global company, making waves in the tech world.
  - 🕹️ Passionate about retro computing – check out his cool blog at amstrad-noob.com
  - 🏆 13-time MVP (Enterprise Mobility/Windows and Devices for IT).
- 🌐 **Connect with him:**
  - **LinkedIn:** Niall Brady
  - **Forums:** windowsnoob.com
  - **Blog:** niallbrady.com

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Windows 365 Boot

- **According to Microsoft it…**
  - **Avoids signing the user into the physical device**
  - **Signs in directly into the Cloud PC**
- **Easy to set up via the Guided Scenario, which creates all the groups, profiles, etc that you need**

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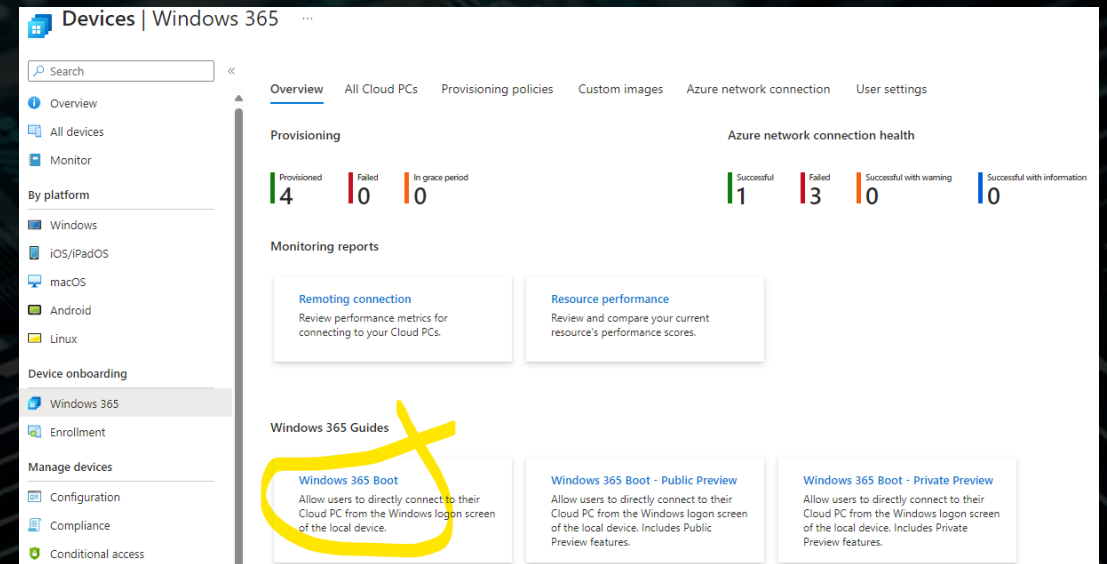
Windows 365 Boot modes

- Shared mode for **multiple users** using the same physical device

- Dedicated mode for **one user** using the physical device

- Pay attention to the **authentication possibilities** in each mode

Authentication mode	Dedicated mode supported	Shared mode supported
Username/password	Yes	Yes
Windows Hello for Business	Yes	No
FIDO key	No	Yes
Convenience pin	No	No

Windows 365 Boot ···

Apply device name template ⓘ   ☐

Resource name prefix
Give a name to the resources that will be created and deployed as part of this guided scenario. The list at the bottom of this page shows how the name will

Resource prefix name *   w365 boot example

Description

Boot device mode

Windows 365 boot mode *   ◉ Shared PC mode
                                    The physical boot device will be shared by multiple users to
                                    connect to their individual Cloud PCs

                                 ○ Dedicated mode
                                    The physical boot device will be assigned to a specific user
                                    to connect to their Cloud PCs

Resources to be created

- w365 boot example Windows 365 App Boot
- w365 boot example Azure Virtual Desktop (HostApp) Boot
- w365 boot example Windows 365 Boot Enrollment Status Page Profile Boot
- w365 boot example Windows 365 Boot Autopilot Profile Boot
- w365 boot example Windows 365 Boot Device Configuration Policy Boot
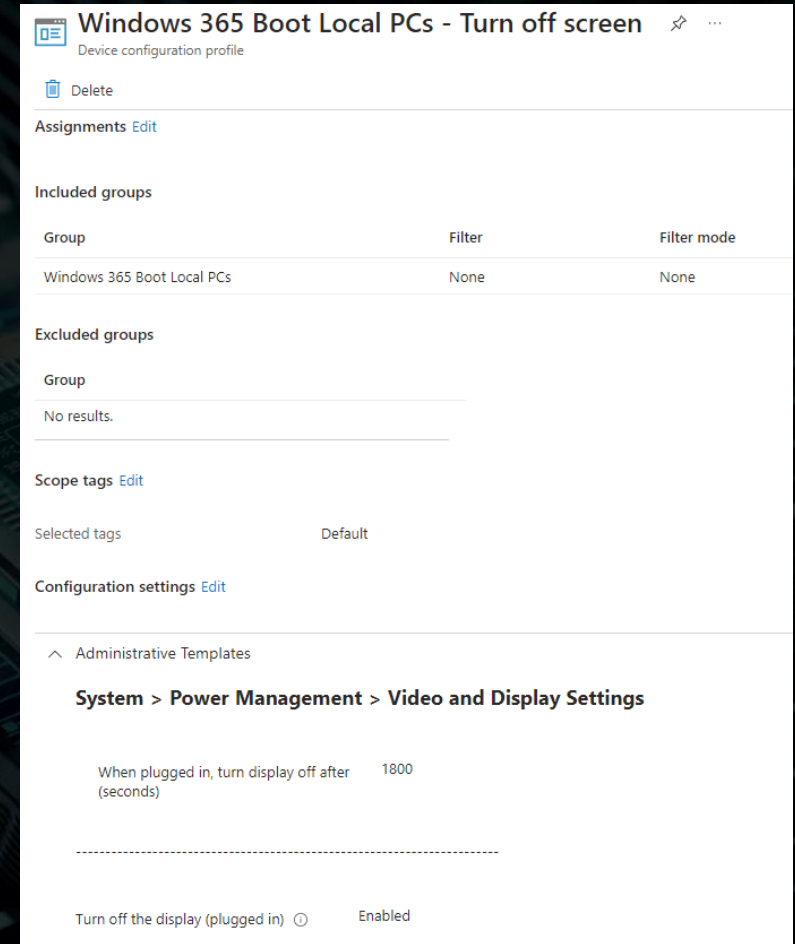- w365 boot example Windows 365 Boot Windows Update Policy Boot

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Windows 365 Boot gotchas
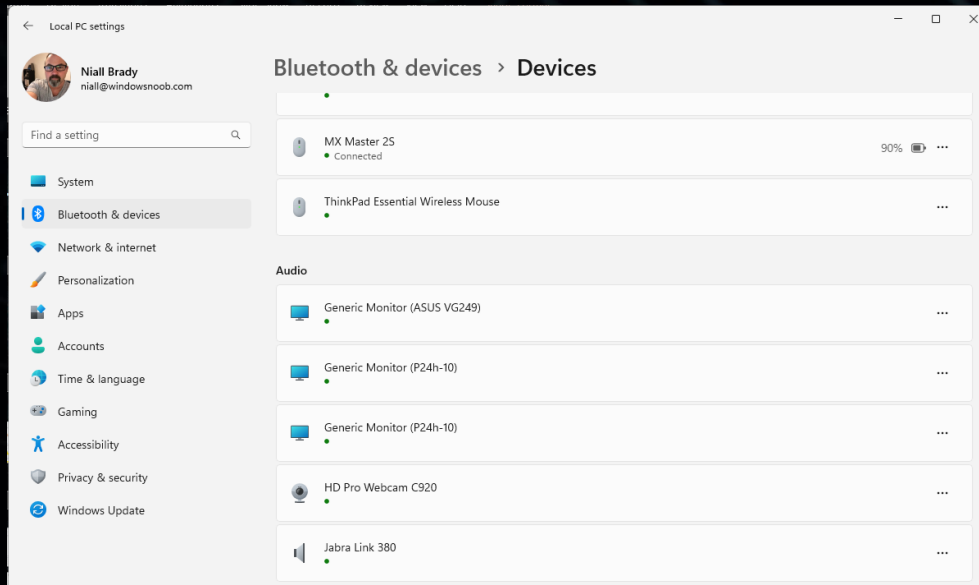
- To change between multiple Cloud PCs, you have to use https://windows365.Microsoft.com

- Remote audio is always maxed out when you connect to a Cloud PC

- Extra step needed to access Local PC settings for audio/Bluetooth adjustments

- Accessing local resources such as RDP to servers, not easy, have to cheat using task manager (or a supported VPN)

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Windows 365 Boot gotchas

- Screen will blank after 5 minutes if not moving the mouse, you need to configure policy for that and deploy to the Local PCs

- No easy way to switch between keyboard layouts

- Multiple monitor scenario sometimes has issues after standby/resume, restart the local pc solves

Windows 365 Boot Local PCs - Turn off screen
Device configuration profile

🗑 Delete

Assignments Edit

Included groups

Group	Filter	Filter mode
Windows 365 Boot Local PCs	None	None

Excluded groups

Group
No results.

Scope tags Edit

Selected tags	Default

Configuration settings Edit

⌄ Administrative Templates

System > Power Management > Video and Display Settings

When plugged in, turn display off after (seconds)	1800

Turn off the display (plugged in) ⓘ	Enabled

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Windows 365 Boot – learn more

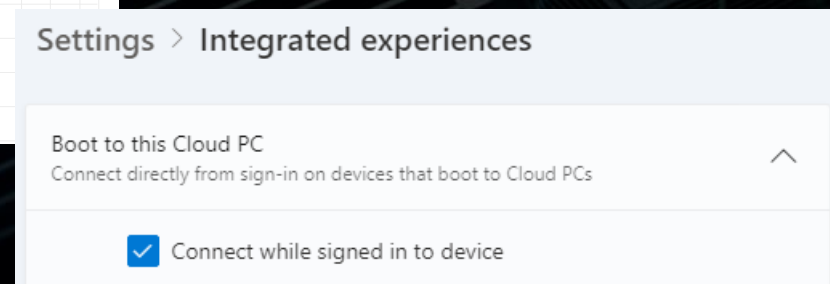**Want to learn more ?**
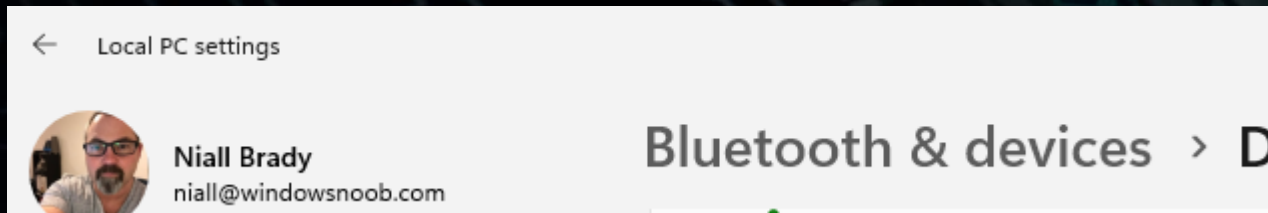   Windows IT Pro blog: [here](#)
Learn.Microsoft.com: [here](#)
windows-noob.com: [here](#)
   Dedicated mode: [here](#)
   Shared mode: [here](#)

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Windows 365 Boot - DEMO
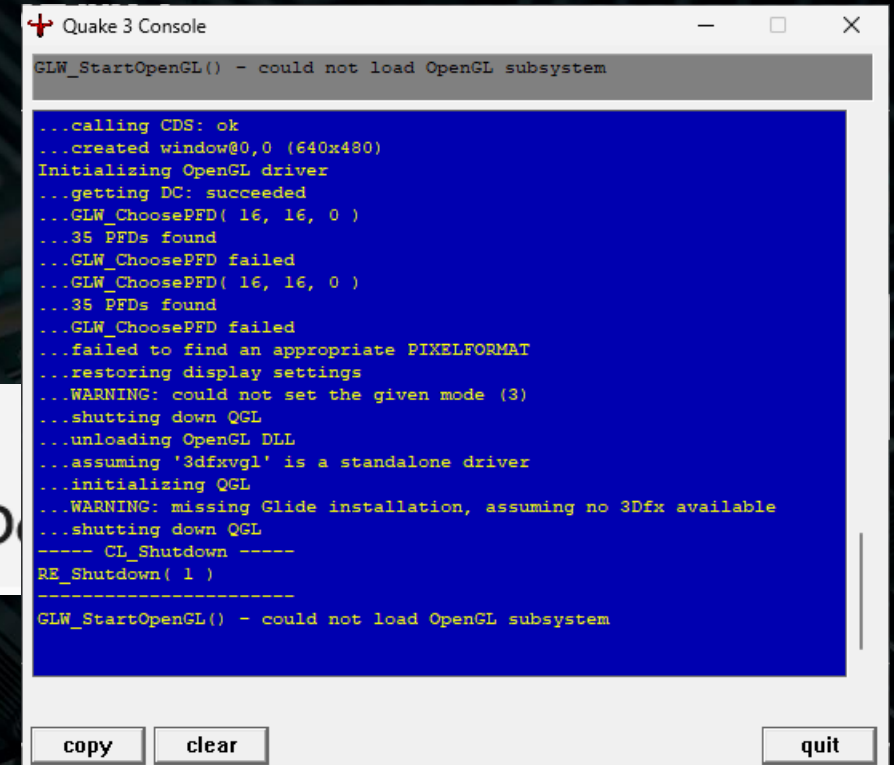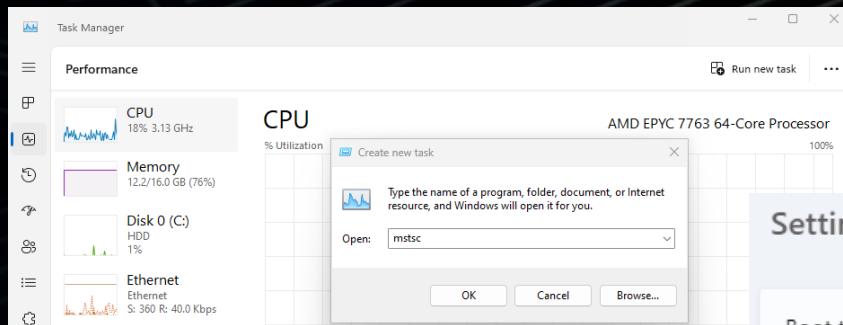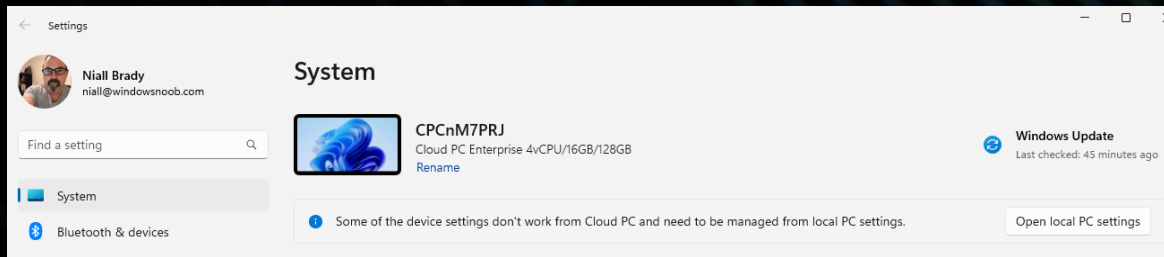
Windows 365 GPU

- Supports various graphic workloads and apps
- Powered by Nvidia and AMD
- Public preview completed
- Due to be released (GA) this summer

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Windows 365 GPU - configurations

- GPU 4 vCPU, 16 GB RAM, 4 GB vRAM, 512 GB
  - This option is for applications that benefit from basic graphic acceleration on one 3840x2160, or up to two 1920x1080p displays. This is comparable to laptops with integrated graphics.
- GPU 8 vCPU, 56 GB RAM, 12 GB vRAM, 1 TB
  - This option is intended for applications with greater specification requirements and high-end graphics workloads on up to four 3840x2160 displays. This is comparable to desktop devices with a dedicated graphics GPU.
- Cloud PC with the GPU 16 vCPU, 110 GB RAM, 16 GB vRAM, 1 TB
  - This is designed for the most demanding graphics workloads that require a fully dedicated GPU for the highest performance available. Users who prioritize all the top-of-the-line choices for the best performance over other considerations may choose this option.

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Windows 365 GPU – learn more

Want to learn more ?

Windows IT Pro blog: here
Learn.Microsoft.com here
Microsoft Mechanics video here

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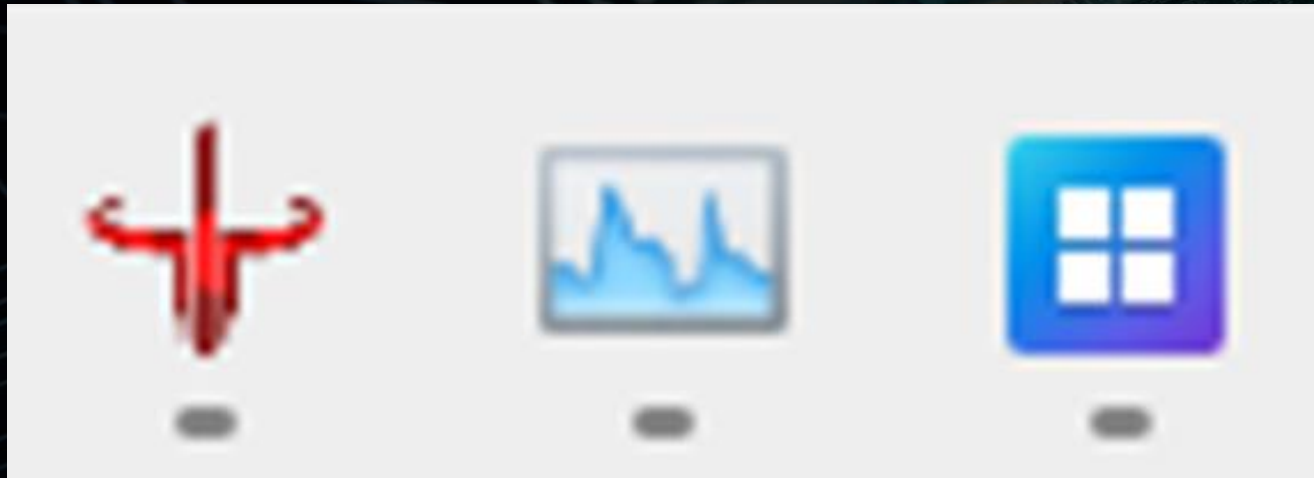
Windows 365 Frontline

Compare editions to find which one works best for your employees.
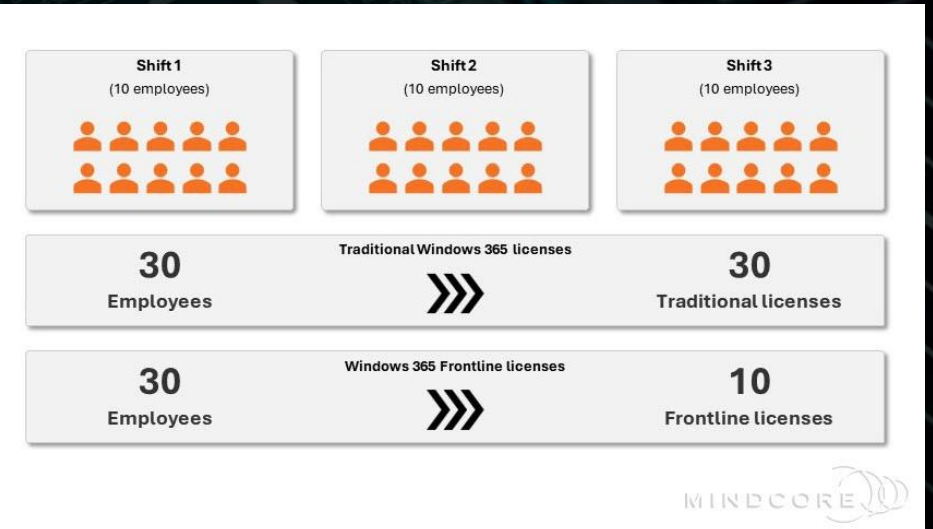
Windows 365 Enterprise

✓ **Dedicated, all-day Cloud PC access**

✓ Personalized, full Windows experience

✓ Predictable monthly pricing

See Windows 365 Enterprise plans

Windows 365 Frontline

✓ **Cloud PC access only when they need it (for example, during their shift)**

✓ Personalized, full Windows experience

✓ Predictable monthly pricing

See Window 365 Frontline plans

Shift 1 (10 employees)

Shift 2 (10 employees)

Shift 3 (10 employees)

30 Employees — Traditional Windows 365 licenses → 30 Traditional licenses

30 Employees — Windows 365 Frontline licenses → 10 Frontline licenses

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Windows 365 Frontline

Windows 365 Enterprise - cost

2 vCPU	4 GB	128 GB	£28.80 license/month
2 vCPU	4 GB	256 GB	£37.20 license/month

Windows 365 Frontline - cost

2 vCPU	4 GB	128 GB	£43.70 license/month
2 vCPU	4 GB	256 GB	£55.70 license/month

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Windows 365 Frontline

- Frontline Licences
    - DON'T appear in the licenses section of admin.Microsoft.com
    - DO show up in Products
    - Tenant wide – can't be assigned to users or devices
- Create a group
- Create a provisioning policy
- Add users to the group (see note)

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Windows 365 Frontline

- Reporting, go into Reports\Cloud PC Overview
- Click on Connected Frontline Cloud PCs
- Concurrency buffer
  - Temp exceed limit
  - Used 4 times a day – max 1 hour each
  - Temp block – 1 or 2 occasions in 24 hours when used more than an hour
  - Perm block – Blocked 2 times in 7 days

Concurrent Frontline Cloud PC connections (preview) ...
Cloud PC Frontline 2vCPU/4GB/64GB

Monitor how many Frontline Cloud PCs connect at the same time and, if the concurrency limit has been reached, which Cloud PCs are unable to connect. Learn more about Windows 365 Frontline

Current connections

Connected ⓘ
1 /1

Concurrent connection history

Frequency : Daily   View : Last 28 days

■ Most Concurrent Connections ···· Limit ⧄ Reached Concurrency Limit

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Windows 365 Frontline

- **What's not supported:**
  - GPU cloud pcs
  - Resize a cloud pc
  - Move a cloud pc

- **Power On/Off feature**

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Windows 365 Frontline – learn more

Want to learn more ?
Windows support blog: here
Microsoft : here

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Windows 365 Switch

- **What is Windows 365 Switch ?**
  - Windows 365 Switch **is a feature in Windows 11**
  - Allows users to quickly **move between their local device and their Windows 365 Cloud PC**
 - Uses **Task view**

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Enabling Windows 365 Switch

- Open the Windows app on your local PC, where you will see a list of your Windows 365 Cloud PCs.

- Select the Cloud PC that you want to switch to and click on the user actions menu (the three dots icon)

- Click on Add to Task view in the menu. This will enable the Switch feature for that Cloud PC.

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Windows 365 Switch

- To start the Switch experience, hover over the Task view icon on the Windows 11 taskbar.

- Select your Cloud PC from the options available

- To get back to the Local PC, hover over Task view again, and select Local desktops

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Windows 365 Switch gotchas

- Add to task view only available via the Windows app app

- You can only add one Cloud PC to the Task view

- You cannot enable it on another Cloud PC

- If you add more than one Cloud PC it won't differentiate between which one you add

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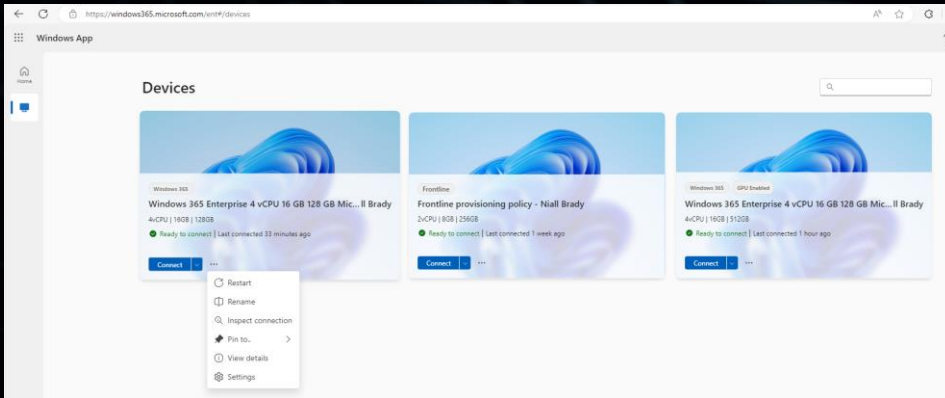
Windows 365 Switch – learn more

Want to learn more ?

Windows support blog: [here](#)

windows-noob.com: [here](#)

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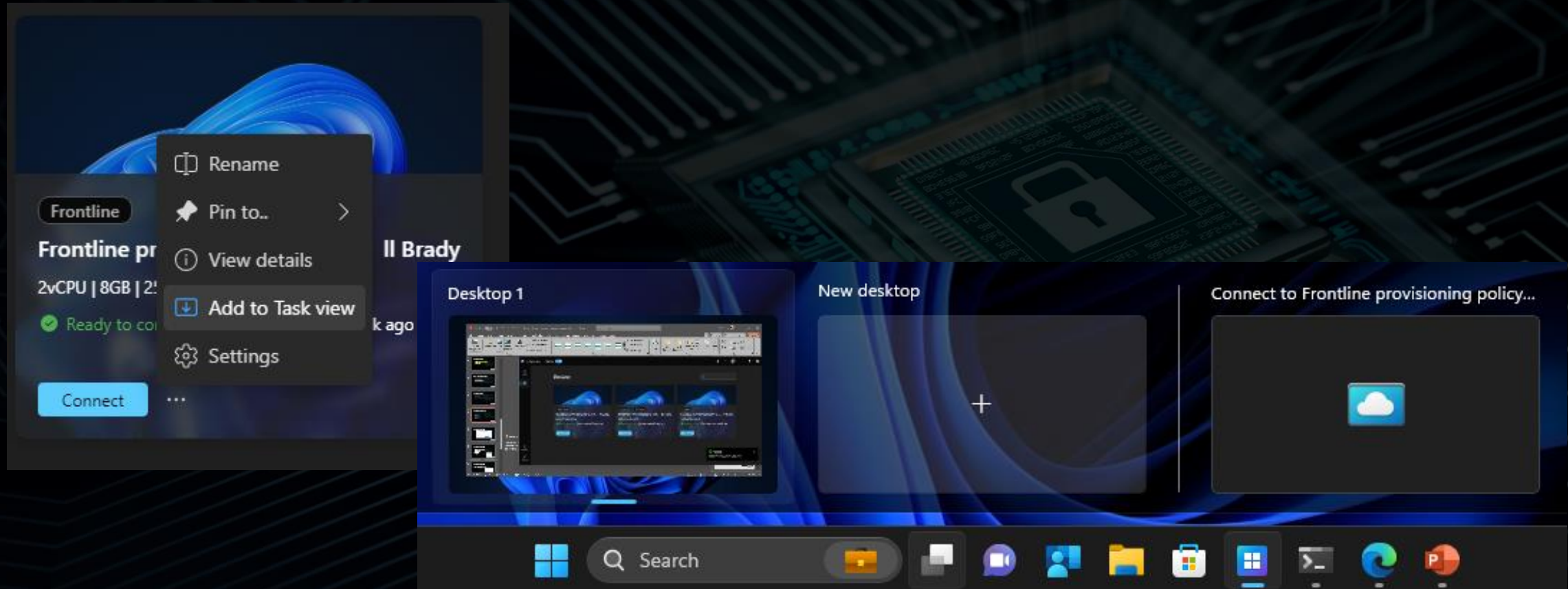
Securing your Cloud PCs

- **Encryption**

- **Watermarking**

- **Screen capture**

- **Conditional Access - allow**

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Securing your Cloud PCs

- **Watermarking / Screen Capture**
  - Pre Reqs – remote desktop client that supports
  - An Azure Virtual Desktop profile

- **Watermarking**
  - Set QR height, opacity etc. Adjust to suit.

- **Screen capture:**
  - Block screen capture on client or Block screen capture on client and server (22H2+ only)

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