## **DE**LLTechnologies

WYSE 5070

# Most versatile, scalable and capable thin client





## ONE PLATFORM, UNMATCHED FLEXIBILITY

Power your success with high performance Intel quad-core thin client CPUs and fast DDR4 RAM. Enjoy ultimate flexibility with up to twenty-one ports and slots options for remarkable expandability.



### **DEPLOY WITH EASE**

Deploy in about a minute<sup>1</sup> and autoconfigure in less than 10<sup>2</sup>. With unified end-to-end deployment and management from Wyse Management Suite manage from the cloud or the datacenter.



### **SECURITY BUILT-IN**

End to end security starts at the endpoint. Get the most secure thin client with Dell-exclusive Wyse ThinOS³ or choose Windows 10 IoT Enterprise with Dell added security features.



### **TRUE 4K GRAPHICS**

Fashioned for power users utilizing 3D design applications on multiple 4K monitors. Play a 4K full-motion video at 30 fps and run multimedia apps at 4K on a second display<sup>18</sup> or take the experience to the extreme and enable up to six displays with the optional AMD Radeon E9173 card.

## Recommended Accessories

**WYSE 5070** 

### AT-THE-DESK



DELL 24 MONITOR P2419H WITH DELL DUAL MONITOR STAND | MDS19

Optimize your dual monitor setup to improve productivity and reduce desktop clutter.



WYSE 5070 BEHIND THE MONITOR MOUNT FOR E-SERIES MONITORS

Allows the Wyse 5070 to be mounted to select Dell E-Series displays.



DELL WIRELESS KEYBOARD AND MOUSE | KM636

With a compact mouse and full-sized keyboard for accurate typing, this keyboard mouse combo offers the convenience of wireless and clutter-free performance.



DELL P-SERIES & U-SERIES MONITOR MOUNT

Completely open your workspace with a behind-the-monitor mounting solution.



WYSE 5070 REMOVABLE CABLE COVER

Keep your desk neat and organized with the cable cover, which fits comfortably on your Wyse 5070.



DELL PRO STEREO HEADSET | UC350

Hear every word clearly on your next call with the Dell Pro Stereo Headset, optimized to provide in-person call quality and certified for Microsoft® Skype® for Business.

## Meet the Wyse Family

**WYSE SOFTWARE** 

### **OPERATING SYSTEMS**

### Wyse ThinOS

Enjoy peace of mind with Dell's exclusive Wyse ThinOS, the most secure thin client operating system<sup>3</sup>. With a closed architecture, system hardening to limit attack surfaces, an unpublished API, encrypted data and files exclusively packaged by Dell, Wyse ThinOS is virus and malware resistant. Experience effortless setup, configuration and management and a rich user experience with the latest high performance desktop virtualization protocols. Wyse ThinOS supports most popular unified communications solutions to keep users at their productive best. Ready to connect to Citrix®, Microsoft®, VMware® and Amazon WorkSpaces environments⁴ right out of the box, this light weight firmware base about the size of a digital photograph has minimal overhead and a rapid boot time delivering instant-on user productivity.

### Windows 10 IoT Enterprise

Combining Dell's optimizations in management and user experience with a rich Windows ecosystem, Windows 10 IoT Enterprise delivers immersive productivity for your digital workspaces. Wyse thin clients running Windows 10 IoT Enterprise deliver a shorter time to productivity with Wyse Easy Setup and support all types of virtual workspaces and a broad-range of eligible local Windows applications and peripherals to improve collaboration and security. Experience enhanced protection against modern security threats and less disruption in your workday with Dell added-value software providing enhanced Write filter protection (patent pending technology) and advanced threat protection. Enjoy the benefits of flexible management options and choose from Dell's exclusive Wyse Management Suite, support from VMware Workspace ONE® 16 for a unified digital workspace platform and Microsoft System Center Configuration Manager to take advantage of existing investment.

### WYSE MANAGEMENT SUITE

From zero to productivity instantly, gain instant control with Wyse Management Suite Pro on Public Cloud<sup>5</sup>. Experience fast hands-free deployment and effortless enterprise management with Wyse Management Suite. This efficient hybrid cloud management solution centrally configures, monitors and manages Wyse endpoints and scales from one to hundreds of thousands of devices to meet all levels of deployment.

With secure, HTTPS-based communications and active directory authentication for role-based administration, Wyse Management Suite keeps Wyse endpoints always up to date and the mobile app allows IT to view critical alerts, notifications on the dashboard and send real time commands with one tap at any time.

- 1 Based on Dell internal analysis, March 2020, measuring Wyse ThinOS automated configuration from Wyse Management Suite or a file server. Dell legal AD#G19000215.
- 2 Based on Dell internal analysis, March 2020, measuring manual configuration of Wyse ThinOS via OOBE or automated deployment from Wyse Management Suite or a file server. Dell legal AD#G19000215.
- 3 Based on Dell internal analysis of Wyse ThinOS v. competitive products, March 2020.
- 4 Wyse ThinOS 8.6 is ready to connect to Citrix®, Microsoft® and VMware ® environments. Wyse ThinOS 8.6 with PCoIP is required for accessing Amazon Workspaces and VMware environments using PCoIP. ThinOS 9.1 is available as a web download and provides access to Citrix®, Microsoft® VMware® and Amazon WorkSpaces environments. Customers upgrading from 8.6 without PCoIP will not be elligible to PCoIP after upgrade.
- 5 License activation required

## **Built for business**

## Dell Technologies Software Solutions Flexible. Simple. Secure.



Deploy in about a minute<sup>1</sup> and autoconfigure in less than 10<sup>2</sup>. With simplified setup, configuration and management, Wyse thin clients can be deployed right out-of-the box. Dell services portfolio for Wyse thin clients helps you streamline deployment so you can focus on innovation.



Get the most secure thin client operating system with Dell-exclusive Wyse ThinOS<sup>3</sup>. With a closed architecture, system hardening to limit attack surfaces, unpublished APIs and encrypted data and files exclusively packaged by Dell, Wyse ThinOS is virus and malware resistant. Or choose Windows 10 IoT Enterprise with Dell added security features to access confidently cloud-based applications and virtual workspaces.



With unified end-to-end deployment and management from Wyse Management Suite (WMS), you can manage from the cloud and/or datacenter and scale easily from one to hundreds of thousands of devices.



Let us make hardware and software support easy. ProSupport offers 24x7 access to in-region advanced technology experts who contact you when critical issues arise<sup>17</sup>, so you can focus on the strategic work that moves your business ahead.

- 1 Based on Dell internal analysis, March 2020, measuring Wyse ThinOS automated configuration from Wyse Management Suite or a file server. Dell legal AD#G19000215.
- 2 Based on Dell internal analysis, March 2020, measuring manual configuration of Wyse ThinOS via OOBE or automated deployment from Wyse Management Suite or a file server. Dell legal AD#G19000215.
- 3 Based on Dell internal analysis of Wyse ThinOS v. competitive products, March 2020.

## Features & Technical Specifications

### **WYSE 5070**

Feature Wyse 5070 thin clients Technical Specifications

Processor Options<sup>1</sup> Intel® Pentium Silver J5005 (Quad Core 1.5GHz, up to 2.8GHz burst)

Intel® Celeron J4105 (Quad Core 1.5GHz, up to 2.5GHz burst)

Operating System options Wyse ThinOS 9.1 (web download)

Wyse ThinOS 8.6

Wyse ThinOS 8.6 with PCoIP

Microsoft® Windows® 10 IoTE 2019 LTSC

Dell Hybrid Client (Optional, requires Ubuntu® 20.04). Dell Hybrid Client is available with select configurations only. Productivity Software:

For more details see DellTechnologies.com/DellHybridClient or contact your Dell Technologies Services Representative

Server OS Infrastructure

Support

Citrix Virtual Apps and Desktops (formerly XenDesktop/XenApp) Microsoft®Azure (requires ThinOS 9.1 or Windows 10 IoTE)

Microsoft®Windows Virtual Desktops (requires ThinOS 9.1 or Windows 10 IoTE)

Microsoft® Windows Terminal Server

Amazon WorkSpaces (requires ThinOS 8.6 with PCoIP option, ThinOS 9.1 or Windows 10 IoTE)

Memory<sup>1,2,3</sup> 4GB (1x4GB) DDR4, 2400MHz, SoDIMM RAM

8GB (2x4GB) DDR4, 2400MHz, SoDIMM RAM 8GB (1x8GB) DDR4, 2400MHz, SoDIMM RAM

Storage<sup>1,3</sup> 16GB eMMC FLASH soldered, plus optional SSD (Wyse ThinOS only)

32GB eMMC FLASH soldered (ThinOS or Windows 10 IoTE with Celeron and 4GB RAM)

32GB SSD (Celeron with 8GB RAM and all Pentium)

256GB SSD (Windows 10 IoTE with Celeron and 8GB RAM and all Pentium)

Display<sup>18</sup> Wyse 5070 Extended w/graphics card: Up to 6 monitors (4 @ 3840x2160@60Hz, 2 @ 2560x1600@60Hz)

Wyse 5070 (Pentium CPU option): up to 3 monitors (2 @ 3840x2160@60Hz, 1 @ 2560x1600@60Hz)

Wyse 5070 (Celeron CPU option w/8GB RAM): up to 2 monitors @ 3840x2160@60Hz Wyse 5070 (Celeron CPU option w/4GB RAM): up to 2 monitors @ 2560x1600@60Hz

Graphics Built-in Intel® UHD 600/605 Graphics controller. Three independent frame buffers (Pentium; 2 on Celeron).

> DirectX 12 compatible, OpenGL 4.4, OpenGL 1.2, OpenGL ES 3.1, Vulkan AMD Radeon 9173 PCI-E graphics card (optional, Extended chassis only)

Ports and Slots Slim Chassis

3 x USB 2.0 (2 front, 1 internal)

6 x USB 3.2 Gen 2 Type-A (1 front, 4 rear, 1 internal) 1 x USB 3.2 Gen 1 Type-C™ with Power Delivery &

DisplayPort (front)

2 x DisplayPort™ 1.2a (Celeron)

3 x DisplayPort™ 1.2a (Pentium)

1 x VGA port (optional<sup>13, 14</sup>) 1x Serial port (2nd serial port optional<sup>13</sup>)

1 x 1Gb/s RJ45 (2nd RJ45 optional<sup>13</sup>) 1 x SFP networking port (optional)<sup>13</sup>

1 x Dual-antenna wireless networking module (optional,

WiFi and Bluetooth)

1 x Smartcard/CAC reader (optional front integrated)

 $1\,\mathrm{x}$  SFP networking port (optional) $^{13}$ 1 x Dual-antenna wireless networking module (optional,

WiFi and Bluetooth)

**Extended Chassis** 

DisplayPort (front) 3 x DisplayPort™ 1.2a

1 standard + 2 mini) 1 x VGA port (optional<sup>13, 14</sup>)

1 x Parallel port

3 x USB 2.0 (2 front, 1 internal)

1 x Smartcard/CAC reader (optional front integrated)

6 x USB 3.2 Gen 2 Type-A (1 front, 4 rear, 1 internal)

1 x USB 3.2 Gen 1 Type-C™ with Power Delivery &

3 x DisplayPort™ 1.2a (optional AMD Radeon E9173 GPU with

1 x PCI Express 1/2-height slot

2 x Serial port (one powered)

1 x 1Gb/s RJ45 (2nd RJ45 optional<sup>13</sup>)

Security Options7 Built-in chassis security lock slot (cable sold separately). Optional Trusted Platform Module (TPM) 2.07. Optional Smart Card keyboard.

Security Software / Systems

Dell Client Command Suite for In-Band Systems Management

Security Management

Wyse Management Suite Standard Recommended Wyse Management Suite Pro edition (optional)

Management through VMware Workspace ONE® with Windows 10 IoT Enterprise 2019 LTSC16 Support for Microsoft System Center Configuration Manager with Windows 10 IoT Enterprise

Integrated Realtek® Ethernet LAN 10Mb/100Mb/1Gb Copper RJ45, Networking<sup>1,6</sup>

Optional Intel® WiFi 5 Wireless-AC 9560, 2x2 + Bluetooth 5.1 Dual internal antennas. Wake on LAN

Audio 1 x 3.5mm audio-mic combo jack (1 front, Wyse 5070 with Celeron CPU option)

2 x 3.5mm audio-mic combo jack (1 front, 1 rear, Wyse 5070 with Pentium CPU option and Wyse 5070 Extended)

1 x 3.5mm audio out (front), Internal business audio speaker

Power External 65-Watt Power Adapter, - 7.4mm barrel.

Optional external 90-Watt Power Adapter for full USB, - 7.4mm barrel. External 130-Watt Power Adapter (Extended chassis), - 7.4mm barrel.

Orientation Wyse 5070 (slim chassis): Vertical. Wyse 5070 Extended: Vertical or Horizontal

Slim: Height 184 mm x Width 35.6 mm x Depth 184 mm, Wyse 5070 Extended: Height 184 mm x Width 66 mm x Depth 184 mm Dimensions and Weight<sup>11</sup>

Slim: 1.2 kg (2.65 lbs) - Wyse 5070 Extended: 1.36 kg (3.0 lbs) without add-on card

Warranty and Service<sup>5,9</sup> Three-year Limited Hardware Warranty<sup>5</sup>. Optional 3-year Dell ProSupport™ for premium support from expert technicians and 24x7

availability and Accidental Damage Service. 4-year and 5-year service and support options

## Features & Technical Specifications

### **WYSE 5070**

Configuration Services

Factory Image load, BIOS Customization, Hardware Customization, Asset Tagging and Reporting.

Environmental, Ergonomics & Regulatory Standards<sup>11,12</sup>

Wyse 5070 Regulatory Model N11D. Regulatory Type N11D001.

Wyse 5070 Extended. Regulatory Model N12D. Regulatory Type N12D001

Environmental Standards (eco-labels): ENERGY STAR qualified. EPEAT Registered. WEEE. RoHS. FIPS 140-2 hardware capable with ThinOS 9.1 or Windows 10 IoTE. Trade Agreements Acts (TAA) configurations available. Halogen free, except external power supply. Please see your local representative or www.dell.com for specific details.

WYSE 5070 THIN CLIENT R					
Management Software	e Dell Wyse Management Suite Standard edition - download now Wyse Management Suite free version Dell Wyse Management Suite Pro edition (optional) - Start free trial				
Monitors	Dell 19 Monitor E1916H, E1920H Dell 20 Monitor E2016H, E2020H Dell 22 Monitor E2216H, E2220H Dell 23 Monitor E2318H, E2230H Dell 23 Monitor E2318H, E2318HN Dell 24 Monitor E2417H, E2420H, E2420HS Dell 27 Monitor E2720H, E2720HS Dell 22 Monitor P2317H, P2219H, P2219HC Dell 23 Monitor P2317H, P2319H Dell 24 Monitor P2415Q Dell 24 Touch Monitor P2418HT Dell 24 Monitor P2417H, P2418HZm, P2419H, P2419HC, P2421, P2421D Dell 24 USB-C Monitor P2421DC Dell 27 Monitor P2719H, P2719HC, P2720D Dell 27 USB-C Monitor P3418HW Dell 43 Multi-Client Monitor P4317Q		Dell UltraSharp 24 Monitor U2415 Dell UltraSharp 24 Monitor U2419H, U2419HC, U2421 Dell UltraSharp 24 USB-C HUB monitor U2421HE Dell UltraSharp 25 USB-C Monitor U2518D Dell UltraSharp 27 Monitor U2518D Dell UltraSharp 27 Monitor U2718Q, U2719D Dell UltraSharp 27 USB-C Monitor U2719DC Dell UltraSharp 27 4K USB-C Monitor U2720Q Dell UltraSharp 27 4K USB-C Monitor U2721DE Dell UltraSharp 32 4K USB-C Monitor U3721DE Dell UltraSharp 32 4DR PremierColor Monitor UP3221Q Dell UltraSharp 43 4K USB-C Monitor U4320Q Dell UltraSharp 49 Curved Monitor U4919DW  Dell Medical Review 24 Monitor MR2416		
Display Adapters <sup>15</sup>	Dell Adapter	ort to Single Link DVI (1920x1200) Adapter DisplayPort to HDMI 2.0 (4K) ort to VGA Adapter	Dell Adapter USB-C to Displa Dell Adapter USB-C to HDM Dell Adapter USB-C to VGA		
Mounting Options	Wyse 5070 \\ Wyse 5070 \v Wyse 5070 b Wyse 5070 b	hassis stand (default configuration) fertical Stand (slim chassis) vall mounts (Slim and Extended) rehind the Monitor Mounts for E-series rehind the Monitor Mounts for P-series rehind the Monitor Mounts for U- and M-series	Dell Dual VESA mount (Slim : Dell Single Monitor Arm MSA Dell Single Monitor Arm MSA Dell Dual Monitor Arm MDA1 Dell Dual Monitor Arm MDA2 Dell Dual Monitor Stand MDS	v.14 v.20 7 0	
Keyboards	Dell Wireless Dell Multi-De	dia Keyboard KB216 (default configuration) Keyboard and Mouse KM636 vice Wireless Keyboard and Mouse Combo KM712 rd Keyboard KB813	20W		
Mouse	Dell Wired La Dell Laser Wi	/ired Mouse (default configuration) ser Scroll Mouse 20PYS red Mouse - MS3220 Wireless Mouse WM527	Dell Mobile Wireless Mouse - Dell Mobile Pro Wireless Mic Dell Multi-Device Wireless M	e - MS5120W	
Audio	Dell Pro Stere	eo Headset UC150 eo Headset – Skype for Business UC350 oundbar AC511M		Dell Pro Stereo Soundbar AE515M (Skype for Business certified) Jabra PRO 935 USB MS Lync Headset	
Printer	Dell Color Printer C2660dn				
Security	Wyse 5070 (Slim chassis) Cable Cover Wyse 5070 Extended Cable Cover			Kensington ClickSafe Keyed Laptop Lock K64637WW Kensington MicroSaver Keyed Laptop Lock K64068	
Networking Options	Add On 1000 Base-T SFP transceiver (RJ-45) Allied Telesis SPSX - SFP (mini-GBIC) transceiver module - AT-SPXS-90 Allied Telesis 10/100/1000 RJ-45 SFP transceiver — copper 100m - AT-SPTX Allied Telesis SPFX/2 - SFP (mini-GBIC) transceiver module - 100Mb - AT-SPFX/2-00 Allied Telesis SPFX/2 - SFP (mini-GBIC) transceiver module - 100Mb - AT-SPFX/2-90 (TAA Compliant)				
WYSE 5070 THIN CLIENT S	OFTWARE FEATUR	ES			
OS OPTION Wy	se ThinOS 8.6	Wyse ThinOS 8.6 with PCoIP	Wyse ThinOS 9.1	Windows 10 IoTE	

OS OPTION	Wyse ThinOS 8.6	Wyse ThinOS 8.6 with PCoIP	Wyse ThinOS 9.1	Windows 10 IoTE		
MICROSOFT	RDP 10	RDP 10	Microsoft WVD	RDP 10		
CITRIX	Citrix Receiver 14 w/RTME	Citrix Receiver 14 w/RTME	Citrix Workspace app with RTME	Citrix WorkSpace app w/RTME		
VMWARE	Horizon 5 (RDP and Blast)	Horizon 5 (RDP, Blast, and PCoIP)	Horizon 2006 (RDP, Blast, and PCoIP)	Horizon 5.x (RDP, Blast, and PCoIP)		
Local Browser	NA	NA	NA	Internet Explorer 11		
Certifications	Citrix Endpoint Premium	Citrix Endpoint Premium	Citrix Endpoint Premium	Citrix Endpoint Premium		
	VMware Certified	VMware Certified	VMware certified	VMware Certified		

# Wyse thin clients designed for the way people work

Wyse thin clients address the needs of regulated industries to ensure higher security and more manageability.



### **HEALTHCARE**

Healthcare professionals need to securely access both their applications and patient records, regardless of location or available station. The Wyse 5070 thin client allows you to focus on your patients with improved security, simpler administration and better performance.

### **RETAIL**

Retail IT needs to be mindful of expansion plans, portability, data security, management and the durability of systems, making cloud client computing a natural choice for the sector.

The Wyse 5070 is secure and easy to deploy and manage to ultimately improve the instore customer experience. Multiple port options create an easy and centralized way to connect all your devices.





### **GOVERNMENT SERVICES**

Government IT systems come with their own unique set of challenges, but at the forefront are security and strict compliancy requirements. The Wyse 5070 thin client provides government, local, regional and federal agencies a secure platform, which enables IT to meet strict government mandates to access highly sensitive information. Employees can access their cloud environment securely, while data is protected from the datacenter to the edge.

### FINANCIAL SERVICES

The technical needs of financial services are demanding – they need to fit the business and comply with policies. Data accuracy, integrity and access speed are integral, and systems failures or delays could be damaging to a company's reputation or incur penalties.

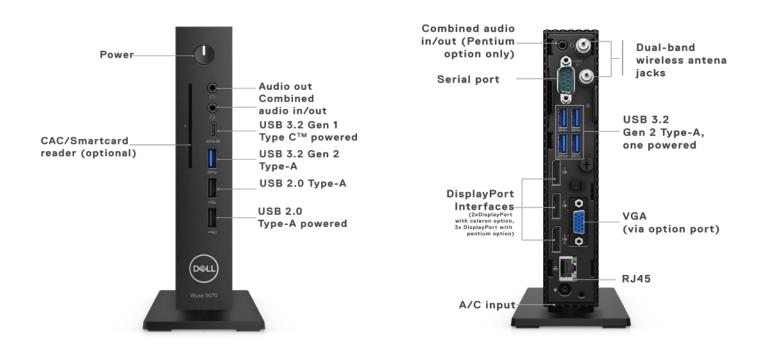
The Wyse 5070 is a reliable and manageable endpoint to keep your company's data at minimal risk. Ensure a positive employee experience with support for up to six display to view more information on screen without minimizing or closing applications.



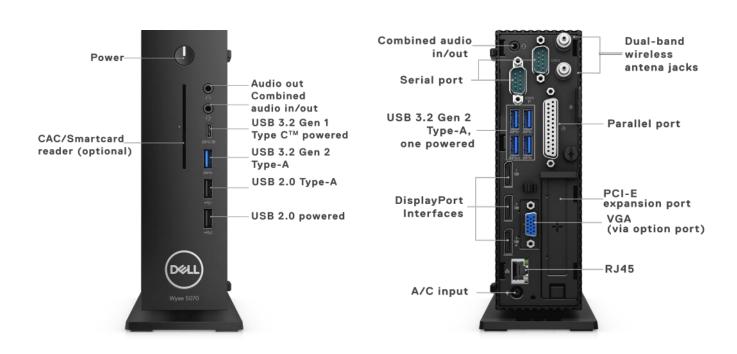
## Ports and Slots

**WYSE 5070** 

Ports and slots - Wyse 5070 - Slim Chassis (Celeron and Pentium CPU options)



### Ports and slots - Wyse 5070 Extended chassis





WYSE 5070

# Most versatile, scalable and capable thin client.



- 1. Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on www.dell.com.
- 2. A 64-bit operating system is required to support 4GB or more of system memory.
- 3. GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors
- 4. GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.
- 5. Limited Hardware Warranty: For copy of Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty
- 6. Wireless antenna and module available only at time of system purchase.
- 7. TPM is available in selected regions.
- 8. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information at www.dell.com/support/home/us/en/19.
- 9. Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.
- 10. Weights vary depending on configuration and manufacturing variability.
- 11. Please refer to www.epeat.net for specific country registration rating and participation.
- 12. For complete listing of declarations and certifications, refer to the Dell Regulatory and Environmental Datasheet found in the Manuals section of Product Support information www.dell.com/support/home/us/en/19.
- 13. The following configuration limitations apply to the rear panel option port. WiFi, SFP, and 2nd RJ45 are mutually exclusive due to constraints in networking IR resources. SFP, 2nd RJ45, VGA connector and 2nd serial port are mutually exclusive on the Slim chassis due to the physical constraints of the singular option port. SFP, 2nd RJ45, and VGA connector are mutually exclusive on the Extended chassis.<sup>10</sup>
- 14. VGA option does not add an additional buffer and does not increase the number of supported displays.
- 15. Contact your Dell Sales resource for a complete listing of cable adapters.
- 16. VMware Workspace ONE available from VMware can manage Wyse thin clients with Windows 10 IoT Enterprise 2019 LTSC.
- 17. SupportAssist not available on Linux, Windows 10S, Windows RT, Windows 10 CMIT Government Edition, Android, Ubuntu or Chrome based products. SupportAssist automatically detects and proactively alerts Dell to: operating system issues, software upgrades, driver updates and patches, malware, virus infected files, failures of hard drives, batteries, memory, internal cables, thermal sensors, heat sinks, fans, solid state drives and video cards.
- 18. The maximum number of displays and maximum resolution in a session will vary depending on partner broker, protocol, and virtual machine types and configurations.

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