

PRECISION

3570

Take your ideas
to new heights



PRECISION 3570

Spec Sheet

Take your ideas to new heights.

Turn concepts to reality with a cost-effective workstation.

Up to FHD IR camera with AI-based proximity sensors, privacy shutter and intelligent noise cancellation

Starting at
3.5lbs / 1.6kg

Advanced thermal management, with Dual Opposing Output (DOO) fan and User Selectable Thermal Tables

Up to UHD (4K), 100% sRGB, 400nits, PremierColor. Touch and ComfortView Plus (hardware low blue light) optional, and super low power (SLP).

Optional Finger Reader, integrated with power button Windows Hello capable

Pro2 ID Full Size keyboard with backlit optional

Titan Gray, 100% water soluble paint

Large multi-touch clickpad

Up to 4-cell 58Whr battery, Long Life Cycle, ExpressCharge and ExpressCharge Boost

Optional mobile broadband 4G LTE

WiFi 6E, Bluetooth 5.2

Intelligent performance

Latest professional grade components with up to 12th Gen Intel® Core™ i7 processor, 14 Core (6P+8E) processor (28W), NVIDIA RTX A500 graphics (4G), PCIe M.2 SSD (up to 4TB) storage, and 64GB of 4800MHz DDR5 memory (dual channel).

Wide variety of ports and input connections:

(2) Thunderbolt 4 Type C, (2) USB 3.1 Gen 1 (1x power enabled), HDMI 2.0, RJ-45, uSD card reader, Smart Card (optional), Fingerprint reader (optional)

ExpressCharge charges 80% in 1 hour+, charging 35% in 20 min++



Mission critical reliability and Security

Independent Software Vendor (ISV) Certified

This provides peace of mind knowing that Dell works with many independent software vendors (ISVs) to provide an exceptional, seamless user experience. To Dell, it means hundreds of engineering man-hours and rigorous testing that have been poured into Dell Precision™ workstations to optimize performance and reliability with leading industry applications.

For a full list of ISV certifications, click here <http://precisionworkstations.com/software-certification-lookup>

...

Tested to US military specifications to guarantee durability (MIL-STD tested)

...

FIPS certified fingerprint and smartcard readers (optional)

...

Intelligent privacy and enhanced contextual privacy through camera



Advanced productivity

Exceptional battery life helps keep you productive, while ExpressCharge and ExpressCharge Boost gets you recharged quickly.

...

Has mobile broadband (4G LTE), WiFi 6/6.E and Bluetooth for flexible connectivity options.



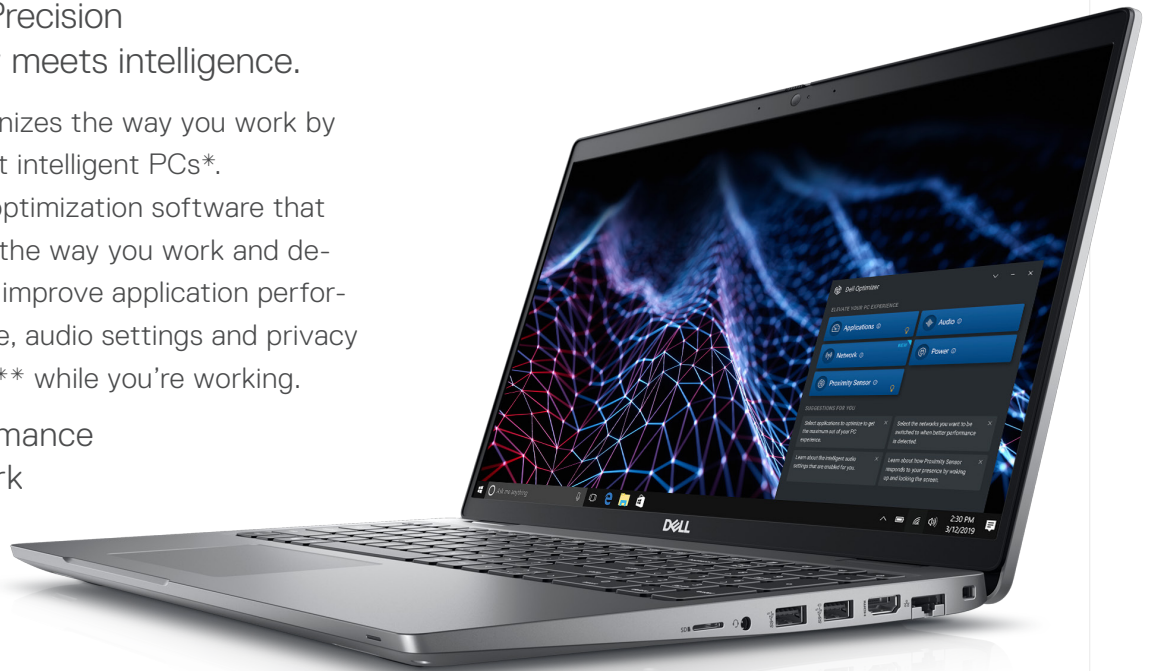
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Dell Optimizer for Precision
Where productivity meets intelligence.

Dell Optimizer revolutionizes the way you work by fueling the world's most intelligent PCs*.

It is the only AI-based optimization software that learns and responds to the way you work and designed to automatically improve application performance, battery run-time, audio settings and privacy – all in the background** while you're working.

Personalized performance
made for hybrid work



Power to the creators

Dell Optimizer for Precision empowers high-end users with ExpressResponse⁶ for performance optimization of storage heavy apps. If you're a Precision user, you also have an exclusive Analytics feature for workload and system insights that help create personalized performance. You can also generate reports within Analytics to get system diagnostics and productivity gains.



Intelligent privacy anywhere

Privacy and security are a major concern – help keep sensitive data private with the world's most comprehensive suite of Intelligent Privacy features¹. Onlooker detection lets you texturize or turn on Safe Screen when an intruder is detected and Look Away Detect darkens the PC screen based on user behavior.



Extended power

ExpressCharge analyzes your power usage habits to improve PC battery utilization. It extends run times and charges your system faster when you need a boost in power.



Enhanced audio

Intelligent Audio delivers audio and mic enhancements and reduces background noise so you can fully engage in meetings with confidence, wherever you collaborate. Neural noise cancellation enables advanced artificial intelligent techniques to distinguish human speech from any unwanted noise.



Faster sign-in

Get to work faster with ExpressSign-in² – the proximity sensor detects your presence to wake on approach before Windows Hello logs you in via facial recognition.



Unmatched connectivity

Optimized for the best connectivity, ExpressConnect³ provides the world's first simultaneous multi-network connection for faster data and video downloads⁴. It also enables joining the best network⁵ available and prioritizes traffic for conferencing apps, wherever you work.



Improved performance

ExpressResponse⁶ analyzes how you use your preferred apps⁷ to boost performance.



Simplified manageability

Elevate work experience with an easy-to-manage application that provides a seamless experience for both end-users and IT decision makers. Set up individual features and modules from Dell Optimizer that fit your work environment with the modular installation feature. Deployment updates and optimization of multiple PCs remotely can be done simultaneously via centralized management.



RECOMMENDED ACCESSORIES



Dell UltraSharp 34 Curved USB-C Hub Monitor - U3421WE

Get immersive productivity on a 34" WQHD curved monitor with a wide color coverage and extensive connectivity including RJ45, USB-C and quick-access front ports.



Dell Pro Wireless Headset - WL5022

Work from anywhere with this Bluetooth Teams certified headset that lets you switch seamlessly to your PC or smartphone and enjoy crystal clear audio on the go.



Dell Thunderbolt 4 Dock - WD22TB4

Boost your PC's power on the world's first modular Thunderbolt 4 dock with a future-ready design



Dell Pro Hybrid Briefcase Backpack 15 - PO1521HB

Protect your laptop from impact with this earth friendly backpack that is lined with EVA foam cushioning. Easily convert from backpack to briefcase mode and travel with ease.



Dell Pro Wireless Keyboard and Mouse - KM5221W

Get productive with a quiet, full-size keyboard and mouse combo with programmable shortcuts and 36 months battery life.



Dell Mobile Adapter Speakerphone - MH3021P

Multiport adapter with integrated speakerphone offers an all-in-one connectivity and conferencing solution.



3Dconnexion SpaceMouse Wireless - 3DX-700076

3Dconnexion's patented 6-Degrees-of-Freedom (6DoF) sensor is specifically designed to manipulate digital content or camera positions in industry-leading CAD applications. Simply push, pull, twist or tilt the 3Dconnexion controller cap to intuitively pan, zoom and rotate your 3D drawing.



Wacom Cintiq Pro 24 Creative Pen Display Touch - DTH-2420

Enhance your creative process with the Wacom Cintiq Pro 24. Featuring world-class color performance on one of Wacom's largest 4K screens.

PRECISION 3570

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER Precision 3570

PROCESSOR OPTIONS¹⁵ 12th Generation Intel® Core™ i5-1235U vPro® Essentials¹⁷, 12MB Cache, 2+8 Core, 12 Threads, 1.30GHz to 4.40GHz, 15W
12th Generation Intel® Core™ i5-1245U vPro®, 12MB Cache, 2+8 Core, 12 Threads, 1.60GHz to 4.40GHz, 15W
12th Generation Intel® Core™ i5-1250P vPro®, 12MB Cache, 4+8 Core, 16 Threads, 1.70GHz to 4.40GHz, 28W
12th Generation Intel® Core™ i7-1255U vPro® Essentials¹⁷, 12MB Cache, 2+8 Core, 12 Threads, 1.70GHz to 4.70GHz, 15W
12th Generation Intel® Core™ i7-1265U vPro®, 12MB Cache, 2+8 Core, 12 Threads, 1.80GHz to 4.80GHz, 15W
12th Generation Intel® Core™ i7-1270P vPro®, 18MB Cache, 4+8 Core, 16 Threads, 2.20GHz to 4.80GHz, 28W
12th Generation Intel® Core™ i7-1280P vPro®, 24MB Cache, 6+8 Core, 20 Threads, 1.80GHz to 4.80GHz, 28W

OPERATING SYSTEM¹⁵ Windows 10 Pro, 64-bit
Windows 10 Home, 64-bit
RHEL v8.4
Windows 11 Pro, 64-bit

MEMORY OPTIONS^{15,16,17} 4GB, 1 x 4GB, DDR4, 3200MHz, single-channel
8GB, 2 x 4GB, DDR4, 3200MHz, dual-channel
8GB, 1 x 8GB, DDR4, 3200MHz, single-channel
16GB, 2 x 8GB, DDR4, 3200MHz, dual-channel
16GB, 1 x 16GB, DDR4, 3200MHz, single-channel
32GB, 2 x 16GB, DDR4, 3200MHz, dual-channel
64GB, 2 x 32GB, DDR4, 3200MHz, dual-channel
8GB, 1 x 8GB, DDR5, 4800MHz, single-channel
16GB, 2 x 8GB, DDR5, 4800MHz, dual-channel
16GB, 1 x 16GB, DDR5, 4800MHz, single-channel
32GB, 2 x 16GB, DDR5, 4800MHz, dual-channel
64GB, 2 x 32GB, DDR5, 4800MHz, dual-channel

STORAGE^{15,18} M.2 2230, 256GB, PCIe NVMe x4, SSD, Class 35
M.2 2230, 512GB, PCIe NVMe x4, SSD, Class 35
M.2 2230, 1TB, PCIe NVMe x4, SSD, Class 35
M.2 2230, 256GB, PCIe NVMe x4, Class 35, Self-Encrypting, Opal 2.0, FIPS
M.2 2280, 512GB, PCIe NVMe x4, SSD, Class 40
M.2 2280, 1TB, PCIe NVMe x4, SSD, Class 40
M.2 2280, 2TB, PCIe NVMe x4, SSD, Class 40

GRAPHICS **Integrated:** Intel® Iris® Xe Graphics for Gen12 Intel® processors with dual-channel memory configuration
Intel Integrated graphics with single channel memory configuration

Discrete: NVIDIA® T550, 4GB GDDR6 (Optional)
NVIDIA® RTX A500, 4GB GDDR6 (Optional)

DISPLAYS¹⁵ 15-inch, HD, 1366 x 768, 60Hz, anti-glare, non-touch, 45% NTSC, 220 nits, twisted nematic
15-inch, FHD 1920 x 1080, 60Hz, anti-glare, non-touch, 45% NTSC, 250 nits, wide-viewing angle
15-inch, FHD 1920 x 1080, 60Hz, anti-glare, touch, 45% NTSC, 250 nits, wide-viewing angle
15-inch, FHD 1920 x 1080, 60Hz, anti-glare, non-touch, 100% sRGB, 400 nits, wide-viewing angle, low blue light
15-inch, UHD 3840 x 2160, 60Hz, anti-glare, non-touch, 100% sRGB, 400 nits, wide-viewing angle, low blue light

PRODUCTIVITY SW¹⁵ Microsoft Office 30-day trial
Microsoft Office Professional 2019
Microsoft Office Home and Business 2019
Dell Support Assist
DDRE (Dell Developed Recovery Environment)
Dell Optimizer for Precision
Dell Support Center

SECURITY¹⁵ McAfee® Small Business Security 30-day trial
McAfee® Small Business Security 12-months subscription, digitally delivered
McAfee® Small Business Security 24-months subscription, digitally delivered
McAfee® Small Business Security 36-months subscription, digitally delivered

FEATURE TECHNICAL SPECIFICATION

WARRANTY^{19,20}

1-year hardware warranty with on-site/in-home service after remote diagnosis
2-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)
3-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)
4-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)
5-year hardware warranty with on-site/in-home service after remote diagnosis (Upsell)
1-year ProSupport with Next Business Day on-site service (Upsell)
2-year ProSupport with Next Business Day on-site service (Upsell)
3-year ProSupport with Next Business Day on-site service (Upsell)
4-year ProSupport with Next Business Day on-site service (Upsell)
5-year ProSupport with Next Business Day on-site service (Upsell)
1-year ProSupport Plus with Next Business Day on-site service (Upsell)
2-year ProSupport Plus with Next Business Day on-site service (Upsell)
3-year ProSupport Plus with Next Business Day on-site service (Upsell)
4-year ProSupport Plus with Next Business Day on-site service (Upsell)
5-year ProSupport Plus with Next Business Day on-site service (Upsell)

ACCIDENTAL DAMAGE SERVICES

1-year Accidental Damage Service (Upsell)
2-year Accidental Damage Service (Upsell)
3-year Accidental Damage Service (Upsell)
4-year Accidental Damage Service (Upsell)
5-year Accidental Damage Service (Upsell)

INPUT¹⁵

Single Pointing standard
Single Pointing backlit
Multi-touch Clickpad

PORTS & SLOTS

RJ-45 Ethernet port
USB 3.2 Gen 1 port
USB 3.2 Gen 1 port with PowerShare
(2) Thunderbolt 4 ports with DisplayPort Alt Mode/USB Type-C/
USB4/Power Delivery
HDMI 2.0 port
Universal audio port
MicroSD-card slot
Wedge-shaped lock slot
Micro-SIM card tray (optional)
Smart card reader slot (optional)

DIMENSIONS & WEIGHT

US
Front Height: 0.82in. (20.77mm)
Rear Height: 0.87in. (22.15mm)
Width: 14.08in. (357.80mm)
Depth: 9.29in. (236.20mm)
Weight: 3.50lbs. (1.59kg)

Rest of the world
Front Height: 20.77mm (0.82in.)
Rear Height: 22.15mm (0.87in.)
Width: 357.80mm (14.08in.)
Depth: 236.20mm (9.29in.)
Weight: 1.59kg (3.50lbs.)

CAMERA OPTIONS¹⁵

720p at 30 fps, widescreen HD RGB camera, Dual-arraymicrophones
1080p at 30 fps, widescreen HD RGB IR camera, Dual-array microphones
1080p at 30 fps, widescreen FHD RGB IR camera, Dual-array microphones, Express Sign-In (EMZA proximity sensor)

Stereo speakers with Realtek Waves MaxxAudio® Pro,
2W x 2W = 4W total

CONNECTIVITY OPTIONS

WLAN:
Intel® AX211, 2x2 MIMO, 2400Mbps, 2.4/5/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth® 5.2
Realtek RTL8822CE, 2x2 MIMO, 867Mbps, 2.4/5GHz, Wi-Fi 5 (Wi-Fi 802.11ac), Bluetooth® 5.0
MediaTek MT7921, 2x2 MIMO, 1200Mbps, 2.4/5GHz, Wi-Fi 6 (Wi-Fi 802.11ax), Bluetooth® 5.2

WWAN:
Intel XMM 7360 Global LTE-Advanced

PRIMARY BATTERY

3-cell, 41Wh, ExpressCharge™ Boost
3-cell, 41Wh, Long Cycle Life, ExpressCharge™ Boost
4-cell, 58Wh, ExpressCharge™ Boost
4-cell, 58Wh, Long Cycle Life, ExpressCharge™ Boost

POWER OPTIONS

65W AC adapter, USB-C, EPEAT
90W E5 AC adapter, USB-C, EPEAT
130W E5 AC adapter, USB-C, EPEAT

REGULATORY AND ENVIRONMENTAL COMPLIANCE^{21,22}

ENERGY STAR; EPEAT registered
EPEAT Gold Registered
China CECP
Product Safety, EMC and Environmental Datasheets
Dell Regulatory Compliance Home Page
Dell and the Environment

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FEATURE TECHNICAL SPECIFICATION

CHIPSET Intel® PCH-LP

INTEL RESPONSIVENESS TECHNOLOGIES Intel® Rapid Storage Technology

HARDWARE SECURITY Trusted Platform Module (TPM) 2.0 discrete
FIPS 140-2 certification for TPM
TCG Certification for TPM (Trusted Computing Group)
Finger Print Reader in Power Button tied to ControlVault 3
ControlVault 3 Advanced Authentication with FIPS 140-2 Level 3 Certification
Contacted Smart Card and ControlVault 3
Contactless Smart Card, NFC, and ControlVault 3
SED SSD NVMe, SSD and HDD (Opal and non-Opal) per SDL
FIPS 201 Full Scan FPR and ControlVault 3

DOCKING Dell Thunderbolt 4 Dock - WD22TB4
(SOLD SEPARATELY)

ACCESSORIES Dell Mobile Adapter Speakerphone - MH3021P
(SOLD SEPARATELY) Dell 7-in-1 USB-C Multiport Adapter - DA310
Dell Pro Hybrid Briefcase Backpack 15 - PO1521HB
Dell Pro Wireless Headset - WL5022
Dell Speakerphone - Mozart - SP3022
Dell UltraSharp 27 USB-C HUB Monitor - U2722DE
Dell UltraSharp 34 Curved USB-C HUB Monitor - U3421WE
Dell Thunderbolt 4 Dock - WD22TB4
Dell Premier Rechargeable Wireless Mouse - MS7421W
Dell Pro Wireless Keyboard and Mouse - KM5221W
Wacom Cintiq Pro 24 Creative Pen Display Touch - DTH-2420
3Dconnexion SpaceMouse Wireless - 3DX-700066

SYSTEMS MANAGEMENT Dell Power Manager (DPM) version 3.0 or later
BIOS complies to Dell SMBIOS implementation spec (DSIS)
SW and Drivers MUP/DUP compliant
Dell Command | Configure (DCC) version 4.0 or later
Dell Command | Monitor (DCM) version 10.0 or later
Dell Command | Update (DCU) version 3.0 or later
Dell Command | Update Catalog (DCUC)
Dell Command | Deploy (DCP)
Dell Command | Integration Suite for System Center(DCIS) version 5.0
Dell Command | Intel® vPro™ Out of Band (DCIV)
Dell Command | PowerShell Provider version 2.0 or later
Dell Command | Deploy Driver Pack Catalog version 1.0 or later

Sustainability on Dell Precision workstations

Leading the industry in sustainable practices in our products, packaging and supply chain.

PRECISION LEADS THE WORKSTATION INDUSTRY IN SUSTAINABLE DESIGN AND MATERIALS.



Design

1st

Workstations made with reclaimed carbon fiber and renewable bioplastic¹³.

Sustainable Materials

up to 46%

Recycled plastic in fixed workstations. Up to 17% in mobile workstations.

Packaging Innovation

25%

Ocean-bound plastic trays in Precision 5000 Series packaging.

PRECISION HAS

19

EPEAT registered products¹⁴



EPEAT

16

TCO 8 certified configurations



TCO

8.0

ENERGY STAR®
throughout the portfolio



ENERGY STAR®

* Based on internal analysis, April 2021. Dell Optimizer available in 2020 devices, not available in OptiPlex 3000 series, Latitude 3310 2-in-1 and Latitude Chromebook Enterprise. Feature availability and functionality varies by model.

1 Based on Dell internal analysis of competitive PC performance software and applications. September 2021. Intelligent Privacy is available on select Dell systems and devices.

2 Available on Latitude 9000 and select 7000 series; Precision mobile workstations 7000 and select 5000 series. See product details for availability.

3 ExpressConnect available with Dell Optimizer software version 2.0 and onwards. Download the latest at <https://www.dell.com/support/home>.

4 Disclaimer: Simultaneous multi-network connection (or Connection based teaming) is a new connectivity feature under ExpressConnect. It simultaneously sends and receives data and video traffic using two or more wired or wireless connections. Based on Dell internal analysis.

5 Best network selection based on signal strength, channel congestion, router type and others. Network suggestions based on user credentials.

6 ExpressResponse must be enabled in the Applications feature. DO learns how user uses the selected application(s) over several hours. Based on Dell testing using Sysmark 2018 benchmark on a Latitude system running productivity applications; and using performance evaluation benchmarks on Precision mobile workstations running ISV applications, March 2020. Improvement will vary based on product configuration, use, application and other factors

7 User must input preferred apps first in order for them to be analyzed.

8 Based on a Forrester Study commissioned by Dell Technologies and Intel: The Total Economic Impact of Dell's PC as a Service", November 2020 <https://www.delltechnologies.com/asset/en-us/solutions/business-solutions/industry-market/forrester-the-total-economic-impact-of-dells-pc-as-a-service.pdf>

9 Based on a Forrester Total Economic Impact™ Study commissioned by VMware, "The Total Economic Impact™ of VMware Workspace ONE for Windows 10", September 2018. Results from interviews with VMware Workspace ONE customers and/or based on a 12,000-employee composite organization.

10 Based on a Principled Technologies test report, "Spend Less Time and Effort Troubleshooting Laptop Hardware Failures" dated April 2018. Testing commissioned by Dell, conducted in the United States. Actual results will vary. Full report: <http://facts.pt/L52XKM>

11 Based on Principled Technologies Report commissioned by Dell Technologies, "Deliver pre-configured systems to end users faster with Dell Provisioning for VMware Workspace ONE", January 2019, comparing deployment using Dell Provisioning for Workspace ONE vs. traditional deployment. Results extrapolated to deployment of 1000 systems, a week represents seven full workdays. Actual results will vary.

12 Based on Dell Internal analysis, January 2019.

13 Based on Dell analysis, Jan 2021. 21% bioplastics in LCD coverlid.

14 EPEAT registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

15 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/support.

16 System Memory and Graphics: Significant system memory may be used to support graphics, depending on system memory size and other factors.

17 4GB or Greater System Memory Capability: A 64-bit operating system is required to support 4GB or more of system memory.

18 Storage Option: GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

19 Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.

20 On-site service after Remote Diagnosis: Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of system and multiple or extended sessions. If issue is covered by Limited Hardware Warranty (www.dell.com/warranty) and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.

21 Please refer to www.epeat.net for specific country registration rating and participation.

22 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.