



ThinkPad P51 Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th or 7th Generation Intel® Core™ i7 Processor or Intel Xeon® Processor E3 v5 or v6 Family							Dimensions	<i>WxDxH:</i> 14.86" x 9.93" x 0.96-1.16"; 377.4mm x 252.3mm x 24.5-29.4mm <i>WxDxH(Touch):</i> 14.86" x 9.93" x 1.02-1.21"; 377.4mm x 252.3mm x 25.8-30.7mm												
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	<table border="1"> <thead> <tr> <th>Models</th> <th>4-cell</th> <th>6-cell</th> </tr> </thead> <tbody> <tr> <td>Non-touch</td> <td>5.6 lb / 2.55kg</td> <td>5.9 lb / 2.67kg</td> </tr> <tr> <td>Multi-touch</td> <td>6.2 lb / 2.82kg</td> <td>6.4 lb / 2.90kg</td> </tr> </tbody> </table>			Models	4-cell	6-cell	Non-touch	5.6 lb / 2.55kg	5.9 lb / 2.67kg	Multi-touch	6.2 lb / 2.82kg	6.4 lb / 2.90kg
	Models	4-cell	6-cell																		
	Non-touch	5.6 lb / 2.55kg	5.9 lb / 2.67kg																		
	Multi-touch	6.2 lb / 2.82kg	6.4 lb / 2.90kg																		
	i7-6820HQ	4	8	2.7 GHz	3.6 GHz	8MB	DDR4-2133	Intel HD Graphics 530													
	E3-1505M v5			2.8 GHz	3.7 GHz			Intel HD Graphics P530													
	i7-7700HQ			2.8 GHz	3.8 GHz	6MB	DDR4-2400	Intel HD Graphics 630													
i7-7820HQ	2.9 GHz			3.9 GHz	Intel HD Graphics P630																
E3-1505M v6	3.0 GHz			4.0 GHz	8MB	DDR4-2400	Intel HD Graphics P630														
E3-1535M v6	3.1 GHz			4.2 GHz			Intel HD Graphics P630														
Case color								Black													
Case material								<i>Display cover:</i> Glass-Fiber Reinforced Plastic; <i>Bottom:</i> Magnesium/Aluminum													
Smart card reader								<i>Optional:</i> Smart card reader													
ExpressCard								One slot (ExpressCard/34)													
Media reader								4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card													
Ports								Four USB 3.1 Gen 1 (USB 3.0, one Always On), USB Type-C / Thunderbolt 3, Mini DisplayPort 1.2a, HDMI 1.4b, Ethernet (RJ-45), Dock connector													
Graphics	Intel HD Graphics 530, 630, P530, or P630 in processor and NVIDIA Quadro® M1200 or M2200, 4GB memory; supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™; supports four independent displays; Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable); 3840x2160@60Hz (Thunderbolt); 4096x2160@24Hz (HDMI)							Camera (<i>optional</i>)	HD720p resolution, fixed focus												
Chipset	Mobile Intel CM238 Chipset							Audio support	HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack												
Memory	64GB max / 2400MHz DDR4, ECC or non-ECC (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller							Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight												
Display	<i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle <i>Some:</i> 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 100% gamut, 170° viewing angle							UltraNav™	3-button TrackPoint® pointing device and 3-button Mylar surface multi-touch touchpad												
Multi-touch (<i>opt</i>)	Capacitive-type multi-touch, supports 10-finger gesture, 220 nits (FHD only)							Security	Power-on password, hard disk password, supervisor password, security keyhole												
Pen (<i>optional</i>)	ThinkPad Pen Pro, active pen for multi-touch display							Security chip	Discrete TPM 2.0, TCG Certified												
Storage	<i>Up to 3 drives (two M.2 SSD and one HDD)</i> <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s							vPro (<i>optional</i>)	Intel vPro Technology												
Optical	None							Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest												
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)							Color calibration	<i>Optional:</i> Pantone® color calibrator by X-Rite® color calibration sensor in palm rest												
WLAN	<i>One of the following, configurable by model:</i> • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card							NFC	None												
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS							Battery	Lithium Polymer 4-cell (66Wh) or 6-cell (90Wh)												
WWAN (<i>optional</i>)	<i>One of the following, configurable by model:</i> • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card							Max battery life ¹⁰ (<i>MobileMark® 2014</i>)	<table border="1"> <thead> <tr> <th>Model</th> <th>4-cell</th> <th>6-cell</th> </tr> </thead> <tbody> <tr> <td>Discrete Graphics</td> <td>4.5 hr</td> <td>6.1 hr</td> </tr> <tr> <td>Hybrid Graphics</td> <td>6.5 hr</td> <td>8.9 hr</td> </tr> </tbody> </table>			Model	4-cell	6-cell	Discrete Graphics	4.5 hr	6.1 hr	Hybrid Graphics	6.5 hr	8.9 hr	
Model	4-cell	6-cell																			
Discrete Graphics	4.5 hr	6.1 hr																			
Hybrid Graphics	6.5 hr	8.9 hr																			
SIM card (<i>opt</i>)	Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card							AC adapter	170W slim tip AC adapter												
Preload								<i>One of the following, configurable by model:</i> • Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Windows® 10 Home 64 • Windows 10 Pro 64 • Windows 10 Pro 64 for Workstations													
Limited warranty								<i>One of the following, configurable by model:</i> • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service													
Mil-Spec test								MIL-STD-810G military certification													
Environment								EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant													

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH0014xx	EAST	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0015xx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0016xx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0017xx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0018xx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0019xx	EAST	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001Axx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001Bxx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001Qxx	EAST	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001Rxx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001Sxx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH002Wxx	EAST	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	09/17
20HH0032xx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0033xx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0034xx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0035xx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH003Gxx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003Hxx	EAST	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003Jxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003Kxx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003Lxx	EAST	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003Mxx	EAST	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003Nxx	EAST	i7-7820HQ	vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	12/17

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH003Pxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Qxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Rxx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Sxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Txx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Uxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH004Mxx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	02/18
20HH004Nxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004Pxx	EAST	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004Qxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004Rxx	EAST	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004R++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004P++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004Q++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004M++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	02/18
20HH004N++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH003T++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003U++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003R++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003S++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003P++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Q++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003L++	EMEA	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	11/17

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH003N++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	12/17
20HH003J++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003K++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003G++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003H++	EMEA	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH0034++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0035++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0032++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0033++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH001S++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH002W++	EMEA	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	09/17
20HH002V++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	08/17
20HH001Q++	EMEA	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001R++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001A++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001B++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0018++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0019++	EMEA	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0016++	EMEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0017++	EMEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0014++	EMEA	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0015++	EMEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0015**	MEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH0000**	MEA	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0001**	MEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx4 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0002**	MEA	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe 500GB 7200rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0003**	MEA	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 500GB 7200rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	03/17
20HH0014**	MEA	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0018**	MEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0017**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0016**	MEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH0019**	MEA	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001B**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001A**	MEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001Q**	MEA	i7-7700HQ	No	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH001R**	MEA	i7-7820HQ	vPro	M2200 4GB	Intel CM238	8GBx2 non-ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH002W**	MEA	i7-7820HQ	vPro	M1200 4GB	Intel CM238	8GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	09/17
20HH001S**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	03/17
20HH002Y**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20HH0030**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20HH0031**	MEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Depot	10/17
20HH0032**	MEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0033**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0034**	MEA	Xeon E3-1505M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH0035**	MEA	Xeon E3-1535M v6	vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	10/17
20HH003H**	MEA	i7-7700HQ	No	M1200 4GB	Intel CM238	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17

Model	Region	Processor vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20HH003G**	MEA	i7-7820HQ vPro	M2200 4GB	Intel CM238	16GBx2 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003J**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003K**	MEA	i7-7820HQ vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003N**	MEA	i7-7820HQ vPro	M2200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	12/17
20HH003M**	MEA	i7-7820HQ vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	10-point Multi-touch	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003L**	MEA	i7-7700HQ No	M1200 4GB	Intel CM238	16GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64	3-year, Onsite	11/17
20HH003R**	MEA	Xeon E3-1535M v6 vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	1TB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003Q**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003P**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003S**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003U**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	8GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH003T**	MEA	Xeon E3-1535M v6 vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	01/18
20HH004M**	MEA	Xeon E3-1535M v6 vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	02/18
20HH004N**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004R**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	8GBx2 ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004Q**	MEA	Xeon E3-1505M v6 vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18
20HH004P**	MEA	Xeon E3-1535M v6 vPro	M2200 4GB	Intel CM238	16GBx1 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2 + 1TB 5400rpm	No	None	Intel 8265 ac, 2x2 + BT4.1	WWAN Upgradable	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 Pro 64 for WS	3-year, Onsite	04/18

Model	Region	Processor	vPro	Graphics	Chipset	Memory	Display	Multi-touch	Pen	Storage(HDD/SSD)	RAID	Optical	WLAN + Bluetooth	WWAN	SIM Card	Smart Card Reader	Camera	Key-board	Finger-print Reader	NFC	Color Calibrator	TPM	Battery	Power Adapter	Operating System(OS)	Warranty	Ann Date (m/y)
20MM0008xx	EAST	i7-6820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Onsite	06/18
20MM0009xx	EAST	i7-6820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Onsite	06/18
20MM000Axx	EAST	Xeon E3-1505M v5	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 for WS DG Win7 Pro 64	3-year, Onsite	06/18
20MM0009++	EMEA	i7-6820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Onsite	06/18
20MM000A++	EMEA	Xeon E3-1505M v5	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 for WS DG Win7 Pro 64	3-year, Onsite	06/18
20MM0008++	EMEA	i7-6820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Onsite	06/18
20MM0008**	MEA	i7-6820HQ	vPro	M1200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	256GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Onsite	06/18
20MM000A**	MEA	Xeon E3-1505M v5	vPro	M2200 4GB	Intel CM238	16GBx2 ECC	15.6" 4K (3840x2160) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	X-Rite	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 for WS DG Win7 Pro 64	3-year, Onsite	06/18
20MM0009**	MEA	i7-6820HQ	vPro	M2200 4GB	Intel CM238	8GBx1 non-ECC	15.6" FHD (1920x1080) IPS	None	None	512GB SSD M.2 PCIe NVMe Opal2	No	None	Intel 8260 ac, 2x2 + BT4.1	None	None	Smart Card Reader	720p	Backlit	Finger-print Reader	None	None	dTPM 2.0	6-cell (90Wh)	170W Slim Tip	Win10 DG Win7 Pro 64	3-year, Onsite	06/18