## ThinkPad T15 Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor         etcl         for an end by the state frequency	Processor	10th	Concration In	ntol® Co	roTM i	i5 / i7 Dr	20000	or					Dimensions	<i>WxDxH:</i> 14.40" x 9.76" x 0.75": 365.8mm x 248mm x 19.1mm	
Number         Cores         Threads         Frequency         Unit of the second         Threads         Case color         Case color         Dial         Dial <thdial< th=""> <thdia< th=""> <thdia< th=""></thdia<></thdia<></thdial<>	FIUCESSU	10th Generation Intel <sup>®</sup> Core™ i5 / i7 Processor										essor		FHD model: 4.17 lb / 1.89 kg;	
B-102100       4       B       16.0Hz       4.0Hz       MM         13.0Hz       4.0Hz       4.0Hz       MM       DP4-2686									Memor	y Types		Case color			
Image: Processor         Image: Processor         Image: Processor         Image: Processor         <		i5-10			-	-		-	-						
indext construction       is offic in construt			4	8		-		-			Intel I				
irr.00100       11.0Hz       11.0Hz       2.0Hz       11.0Hz       11.0Hz       2.0Hz       11.0Hz       2.0Hz       11.0Hz       2.0Hz       11.0Hz       2.0Hz       11.0Hz       11.0H									DDR4	R4-2666					
Intel UHD Graphics in processor and intel UHD Graphics in processor and mintel UHD Graphics in processor and intel UHD Graphics in processor and supports stores in Number of States (Second States) supports attern amonitors with a native display and two external monitors. USBS C (up to 4956:2160@2412) USBS C (up to 4956:2160@2412) (based to base of Second States) States in the store of the store store of the store of the store of the store of the		i7-10	710U e	10					1					Two USB 3.1 Gen 1 (one Always On).	
Heil UHD Graphics in processor on yor intel UHD Graphics in processor and supports external monitors: supports up to 3 independent displays via native display and two external monitors: supports up to 3 independent displays via native display and two external monitors: uSS-C (up to 4096x2304@60Hz) or Thunderboli (up to 4096x2304@60Hz)       HDMI 14b, Ethiemet (RJ-45), nane-SIM card slot (WWAN models), "microphine combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole (Display)         Intel SUC (System on Chip) platform 40GB or 48GB max / 2666MHz DDFA, dual-channel capable, 8GB or 16GB max / 2666MHz DDFA, dual-channel capable, 15.6" PH0 (1920x1080) IPS Antigare Mathe 15.6" PH0 (1920x1080) IPS Ant		i7-10	810U <sup>6</sup>	12	1.1	GHz 4	1.9 GH	z 12MB						one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),	
NVIDIA* GeFore* MX302. 2GB GDDB5 memory: supports up to 3 independent displays via native display and two external monitors: supports external monitors via HDMI (up to 4096x2160 @24Hz), USB-C (up to 4096x2304 @60Hz) of Thundest0 (up to 4096x2304 @60Hz)       "microSD card reader, side doxling connector, security keyhole", Dopending on may factors, scalar data transfer speed may be lower than theoretical speed (prioral)         htpset       Intel SoC (System on Chip) platform defmory       Intel SoC (System on Chip) platform document and HDZ200 carrier awith ThinkShutter carrier privacy, fixed focus instaled memory is actual 2020MHz but on at 2800MHz but on a	Graphics	Intel UHD Graphics in processor and NVIDIA® GeForce® MX330, 2GB GDDR5 memory; supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 4096x2160@24Hz),												HDMI 1.4b, Ethernet (RJ-45), nano-SIM card slot (WWAN models), headphone / microphone combo jack, optional smart card reader, microSD card reader, side docking connector, security keyhole * Depending on many factors, actual data transfer speed may be lower than theoretical speed HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter None	
supports external monitors via HUMI (up to 409ex2304 e960Hz)       HDMI to VGA.       Lenovo USB-C (up VGA Adapter (prioral)         bilgset (up to 409ex2304 e960Hz) or Thunderboil (up to 409ex2304 e960Hz)       Monitor cable (prioral)       HDMI to VGA.       Lenovo USB-C (up VGA Adapter USB-C (up VGA Adapter (USB-C (up VGA Adapter)         bilgset (enov)       Installed memory is actually 300MHz but and a 12660MHz due to intell limitation (addis upport)       Intell 3200MHz but and a 12660MHz due to intell limitation (addis upport)       HDMI to VGA.       Lenovo USB-C (up VGA Adapter USB-C (up VGA Adapter)         bilgsplay       Size (Resolution Type Surface Toum Priozy): Sacutally 300MHz but and a 12660MHz due to intell limitation (addis upport)       HDMI to VGA.       Lenovo USB-C (up VGA Adapter USB-C (up VGA Adapter)         bilgsplay       Size (Resolution Type Surface Toum Priozy): Sacutally 300MHz but and 2260MHz due to intell limitation (addis upport)       HDMI to VGA.       Lenovo USB-C (up VGA Adapter USB-C (up VGA Adapter)         bilgsplay       Size (Resolution Type Surface Toum) sacutally 300MHz but and at 2260MHz due to intell limitation (addis upport)       HDMI to VGA.       Lenovo USB-C (up VGA Adapter)         bilgsplay       Size (Resolution Type Surface Toum Priozy): Sacutally 300 mits 16:9       Boot 14:5%       170*         bilgsplay       Size (Resolution Type Surface Toum Priozy): Sacutally 300 mits 16:9       Boot 14:5%       170*         bilgsplay       Divertoum Priozy): Sacutally 300 mits 16:9       1400:1															
USB-C (up to 4096x2304 @0Hz) or Thunderbolf (up to 4096x2304 @0Hz)       (optional)         Intel SoC (vspstem or Chip) platform       (optional)         Memory       Mole Share (Vspstem or Chip) platform         Memory       Size Resolution       Type Surface To Vspstem or Chip) platform         Size Resolution       Type Surface To Vspstem or Chip) platform       None         Size Resolution       Type Surface To Vspstem or Chip) platform       Size Resolution South vspstem or Chip) platform       None         Size Resolution       Type Surface To Vspstem or Chip) platform       Size Resolution South vspstem or Chip) platform       None         Size Resolution       Type Surface To Vspstem or Chip) platform       None       Corr Vspstem or Chip) platform         Size Resolution       Type Surface To Vspstem or Chip) platform       None         Size Resolution       Type Surface To Vspstem or Chip) platform       Audio Suptem or Chip) platform       Audio Suptem or Chip) platform         Size Resolution       Type Surface To Vspstem or Chip) Platform       None       Keyloard       Corr Vspstem or Chip) Platform         Size Resolution       Type Surface To Vspstem or Chip) Platform       None       Keyloard       Corr None         Size Resolution       Type Surface To Vspstem or Chip) Platform       None       Keyloard       Sizer Resolutin Corr None       Keyloard												onitors;			
Intel Soc (System on Chip) platform 40GB or 48GB max / 2666 Mrz 2008 (Hz DDR 4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR 4 SO-DIMM socket * Instaled memory is actually 200MHz but run at 2660HrZ abut to Intel Imitation       USB-C to DF: Camera (optional)* Leovo USB-C to DisplayPort Adapter         isplay <u>Size</u> Resolution <u>Type Surface</u> Touch <u>Bright</u> Apped Contast Rate Contast              Color HD (1920x1080)              IPS Anti-glare USB-C to DF: Locov USB-C to DisplayPort Adapter              Camera (optional)* HD720p camera with ThinkShutter camera privacy, fixed focus HD Audio, Realtel* ALC3287 codec / Dolby* Audio speaker system, 2W 2 / Optional Lub array far-field microphone, headphone / microphone, combo jack Hould Adapter              Audio Support Hould Adapter              Audio Support Hould Adapter              Audio Support Hould Adapter              Hull Adapter Hull Adapter Hull Stoc (S ystem on chip) and Lub array far-field microphone, headphone / microphone, chard privacy, fixed focus Hould Adapter Hould State Storage, Hull Hould Adapter Hull Stoc (C ystem on chip) and the privacy fixed focus Hould Adapter Hould Adapter Hould State Storage, Hull Hould Adapter Hould Adapter Hull Hould Adapter Hull Ho															
Solid y       SBGB or 16GB memory soldered to systemboard, one DDR4 So-DIMM sockt	Chipset	40GB or 48GB max / 2666MHz DDR4, dual-channel capable, 8GB or 16GB memory soldered to systemboard, one DDR4 SO-DIMM socket													
* Installed memory is actually 3200MHz but un at 2860MHz but un	Memory											ot			
Size       Resolution       type       Surface       Touch       Bright- Ratio       Agenc Contrast       Color       Hudio, Realter, #ALC3287 codec / Dolby* Audio speaker system, 2W x 2 / optional dual array far-field microphone, headphone / microphone combo jack         15.6*       FHD (1920x1080)       IPS       Anti-glare       -       250 nits       16.9       800:1       45%       170°         15.6*       FHD (1920x1080)       IPS       Anti-glare       -       500 nits       16.9       800:1       45%       170°         15.6*       FHD (1920x1080)       IPS       Anti-glare       -       500 nits       16.9       800:1       45%       170°         15.6*       HDD (1920x1080)       IPS       Anti-glare       -       500 nits       16.9       800:1       100%       170°         16.5*       HDD (1920x1080)       IPS       Anti-glare       -       500 nits       16.9       800:1       100%       170°       Security the pointing device and buictonless Mylar surface multi-touch touchpad         0.0-cell touch, supports 10-finger gesture       -       500 nits       16.9       1400:1       100%       170°       Security the pointing device and buictonless Mylar surface multi-touch touchpad         10rage       M.2 2280 SD / PCle NVMe, PCle 3.0 x 4												ei	Camera (optional		
Image: Function of the state of the st	Display	Sizo	<b>_</b>								Viewing	Audio support	HD Audio, Realtek <sup>®</sup> ALC3287 codec / Dolby <sup>®</sup> Audio speaker system, 2W x 2 /		
Is b FHD (1920x1080)       IPS       Anti-giare       200 mis       10:9       a00:1       45%       170       numeric keypad, optional LED backlight         Is b FHD (1920x1080)       IPS       Anti-giare       Multi-300 nits       16:9       800:1       45%       170       Virtual							Touch					1	Keyboard		
Isb PH0 (Is20x000)       IPS       Anti-glare       tool is 200 mis       16:9       4001       47%       170       Security       Security       Power-on password, hard disk password, supervisor password, security keyhole         Autti-touch (opt)       15.6 <sup>+</sup> HDR400. Doby Vision <sup>™</sup> IPS       Anti-glare       500 nits       16:9       1400:1       100%       170°       Security       Security       Power-on password, hard disk password, supervisor password, security keyhole         0.5.6 <sup>+</sup> HDR400. Doby Vision <sup>™</sup> On-cell touch, supports 10-finger gesture       Security       Power-on password, hard disk password, supervisor password, security keyhole         0.7.28280       PCle NVMe, PCle 3.0 x 4       System Mgt (opt)       Net 2242 SSD / PCle NVMe, PCle 3.0 x 4       Net 2242 SSD / PCle NVMe, PCle 3.0 x 4       Net 2242 SSD / PCle NVMe, PCle 3.0 x 4         vptical       None       None       None       Battery       Integrated Li-Polymer 57Wh battery, supports Rapid Charge (otharge up to 80% in 1hr) with 65W AC adapter         VLAN +       Intel Ethernet Connection I219-V (Jacksonville)       V/LAN +       Integrated Mobile Broadband 46 LTE-A, Fibocom L850-GL, ML2 card       AC adapter       46W USB-C AC adapter       66W USB-C AC adapter         VAN (optional)       Wireless WAN upgradable       Integrated Mobile Broadband 46 LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       1-year 4potoninit/ with 2-year system board repair serv		15.6"	FHD (1920x10	080) I	PS A	Anti-glare	-	250 nits	16:9	800:1	45%	170°		numeric keypad, optional LED backlight	
Aulti-touch (opt)       UHD (3840x2160) [IPS Anti-glare       -       500 nits       16:9       1400:1       100%       170°       Security or password, fail of		15.6"	FHD (1920x10	080) I	PS A	Anti-glare		300 nits	16:9	800:1	45%	170°			
Multi-touch (opt)       IDS d'HDH400, Dibit Vision™       IPS Antr-glare       500 nits       16:9       1400:1       100%       170°       • Discrete TPM 2.0 TCG Certified         Multi-touch (opt)       On-cell touch, supports 10-finger gesture       • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4       • M.2 2280 SSD / PCie NVMe, PCie 3.0 x 2       • Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCie NVMe 3.0 x 4       • Nor-VPro model: Intel Ethernet Connection I219-V (Jacksonville) VPro model:       • Nor-VPro model: Intel Ethernet Connection I219-V (Jacksonville)       • Ac adapter         VLAN + Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card • Integrated Mobile Bro			UHD (3840x21	160)										Power-on password, hard disk password, supervisor password, security keyhole • Firmware TPM 2.0 integrated in chinset	
Multi-touch (op)       On-cell touch, supports 10-finger gesture       Fingerprint reader Optional: Touch style match on chip fingerprint reader on the palm rest         itorage       • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4       Fingerprint reader Optional: Touch style match on chip fingerprint reader on the palm rest         with 22280, PCIe NVMe, PCIe 3.0 x 4       • M.2 2280, PCIe NVMe 3.0 x 4       Near Field Communication         bptical       None       None       None         thernet       None-VPro model: Intel Ethernet Connection I219-V (Jacksonville)       Matther (Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0         Wukh (optional)       • Wireless WAN upgradable       • Intel AX201 card supports B7.1 but is limited to BT5.0 by Windows OS         WWAN (optional)       • Wireless WAN upgradable       • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card       • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, MIMO 2x2, M.2 card       • I-year depot repair service         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, MIMO 2x2, M.2 card       • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, MIMO 2x2, M.2 card       • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L8		15.6"			IPS Anti-gl	Anti-glare	э -	500 nits	16:9	1400:1	100%	170°		Discrete TPM 2.0 TCG Certified	
<ul> <li>Nore</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 2</li> <li>Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>Intel Ethernet Connection 1219-V (Jacksonville) vPro model: Intel Ethernet Connection 1219-LM (Jacksonville)</li> <li>VLAN +</li> <li>Intel VI-Fi 6 AX201, Wi-Fi 2x2 802, 11ax + Bluetooth 5.0</li> <li>Bluetooth™</li> <li>* Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS</li> <li>WWAN (optional)</li> <li>Wireless WAN upgradable</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(opt)</li> <li>Gemalto eSIM Card</li> <li>Windows NOT WWAN upgradable</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>* Intel SIM Card</li> <li>(Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, M.2 card</li> <li>*</li></ul>	Multi-touch (opt)											L	System Mgt (opt)	<i>opt)</i> Intel vPro Technology eader <i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest	
<ul> <li>M.2 2242 SSD / PCle NVMe, PCle 3.0 x 2</li> <li>Intel Optane<sup>™</sup> Memory H10 with Solid State Storage, M.2 2280, PCle NVMe 3.0 x 4</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None</li> <li>None-VPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)</li> <li>VLAN +</li> <li>Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0</li> <li>* Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS</li> <li>WWAN (optional)</li> <li>Wireless WAN upgradable</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card</li> <li>* Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>* For non-WWAN model, it means the model is NOT WWAN upgradable</li> <li>Gemalto e SIM Card</li> <li>Gemalto e SIM Card</li> </ul>	Storage	• M.2	2 2280 SSD /	PCle N	IVMe	, PCle 3	.0 x 4								
M.2 2280, PCIe NVMé 3.0 x 4       Max battery life         None       Max battery life         None       MobileMark® 2014: 15.26 hr         None       MobileMark® 2014: 15.26 hr         MobileMark® 2014: 15.26 hr       MobileMark® 2014: 15.26 hr         None       None         None       None         None       Max battery life         None       MobileMark® 2014: 15.26 hr         MobileMark® 2014: 15.26 hr       MobileMark® 2014: 15.26 hr         None       None         VILAN +       Intel Ethernet Connection I219-LM (Jacksonville)         VLAN +       Intel X201 card supports BT5.1 but is limited to BT5.0 by Windows OS         WWAN (optional)       Wireless WAN upgradable         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Invear + 2-year limited onsite service         <	C C								-				Battery	Integrated Li-Polymer 57Wh battery,	
Optical       None       MobileMark 2018:       9.86 hr         Withernet       Non-vPro model:       Intel Ethernet Connection I219-V (Jacksonville)       AC adapter         vPro model:       Intel Ethernet Connection I219-LM (Jacksonville)       +       AC adapter         vVLAN +       Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0       +       -         * Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS       65W USB-C AC adapter       -         WWAN (optional)       • Wireless WAN upgradable       -       Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card       -         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       •       -       1-year depot with 2-year system board repair service         * Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       •       1-year depot with 2-year system board repair service         * Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       •       1-year + 2-year depot repair service         * Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       •       1-year + 2-year depot repair service         * Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       •       1-year + 2-year depot repair service         * Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       •       1-year + 2-year de													Max battery life		
Athenet       Non-Works       Intel Ethernet Connection 1219-UM (Jacksonville)         VLAN +       Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0         * Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS         WWAN (optional)       • Wireless WAN upgradable         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • SIM card (opt)         Gemalto eSIM Card	Optical													MobileMark 2018: 9.86 hr	
VLAN +       Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0       • 65W USB-C A cladapter         Bluetooth™       * Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS       • 65W USB-C A cladapter         VWAN (optional)       • Wireless WAN upgradable       • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card       • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       • 1-year depot with 2-year system board repair service         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card       • 1-year depot with 2-year system board repair service         • BIM card (opt)       Gemalto eSIM Card       • 1.year limited onsite service         • 1-year + 2-year depot repair service       • 1-year + 2-year limited onsite service         • 1-year + 2-year limited onsite service       • 3-year/1-yr battery depot repair service         • 3-year/1-yr battery depot repair service       • 3-year/1-yr battery limited onsite service         • 3-year/1-yr battery limited onsite service       • 3-year/1-yr battery limited onsite service         • 3-year/1-yr battery limited onsite service       • 3-year/1-yr battery limited onsite service         • 1-year term definition       • 65W USB-C All and term definition	Ethernet												AC adapter		
* Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS         WWAN (optional)       • Wireless WAN upgradable         • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card         • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card         • For non-WWAN model, it means the model is NOT WWAN upgradable         Gemalto eSIM Card         • Gemalto eSIM Card         • Mil-Spec test         Mil-Spec test         Mil-Spec test         Mil-Spec test         Environment         EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant															
<ul> <li>WWAN (optional) • Wireless WAN upgradable</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• For non-WWAN model, it means the model is NOT WWAN upgradable</li> <li>Gemalto eSIM Card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> <li>• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIL-Stop 240 (apot repair service</li> <li>• 3-year/1-yr battery lepot repair service</li> <li>• 3-year/1-yr battery lepot repair service</li> <li>• 3-year/1-yr battery lepot repair service</li> <li>• 3-y</li></ul>	Bluetooth™	* Intel AX201 card supports BT5 1 but is limited to BT5 0 by Windows OS											Operating system		
Integrated Mobile Broadband 4G LTE-A, Fibocom L800-GL, MIMO 2x2, M.2 card * For non-WWAN model, it means the model is NOT WWAN upgradable Gemalto eSIM Card     • 1-year depot with 2-year system board repair service 1-year limited onsite service 1-year + 2-year depot repair service 1-year + 2-year limited onsite service 3-year/1-yr battery depot repair service 3-year/1-yr battery limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited onsite service 1-year + 2-year limited onsite service 3-year/1-yr battery limited onsite service 1-year + 2-year limited ons	WWAN (optional) • Wireless WAN upgradable														
* For non-WWAN model, it means the model is NOT WWAN upgradable Gemalto eSIM Card SIM card (opt) Gemalto eSIM Card • 1-year + 2-year depot repair service • 1-year + 2-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service • 1-year + 2-year depot repair service • 3-year/1-yr battery limited onsite service		$\sim$ integrated would broadband 4G Li L-A, i boconi Logo-GL, wiz card										Linned warranty	<ul> <li>1-year depot with 2-year system board repair service</li> </ul>		
• 1-year + 2-year limited onsite service         • 3-year/1-yr battery depot repair service         • 3-year/1-yr battery limited onsite service         • 3-year/1-yr battery limited onsite service         • Mil-Spec test         MIL-STD-810G military testing         Environment       EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant		* For	* For non-WWAN model, it means the model is NOT WWAN upgradable											1-year limited onsite service	
• 3-ýear/1-yr battery depot repair service         • 3-ýear/1-yr battery limited onsite service         • 3-year/1-yr battery limited onsite service         Mil-Spec test       MIL-STD-810G military testing         Environment       EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant	SIM card (opt)	Gem												1-year + 2-year limited onsite service	
Mil-Spec testMIL-STD-810G military testingEnvironmentEPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant														<ul> <li>3-year/1-yr battery depot repair service</li> </ul>	
Environment EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant													Mil Speatest		
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Note: The specifications above may not be available in all regions.

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