ThinkPad L570 Platform Specifications

Processor x of erf Base Mas Turb Ceahe Menory Processor Myeria Ceahe Myeria Ceahe Menory Processor Myeria Ceahe Myeria	Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor or								WWAN (optional)	One of the following, configurable by model:	
Figure 1 Cores (Infrasts Pregating) (1994) (Processor # of # of Base Max Turbo Cacho Memory Processor									Wireless WAN upgradable Integrated Mobile Broadband 4G LTE A	
1. 1. 1. 1. 1. 1. 1. 1.			Cores	Threads				Types	Graphics		Qualcomm [®] Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card	
Section Sect			3-6100U 5-6200U 5-6300U	4				IB DDB4-2133			Integrated Mobile Broadband 4G LTE,	
E-5800U 2										SIM card (opt)		
FreeDoul 2.6 OFth 3.1 OFth 4MB Case color Cas												
Intel Celeron* Processor or 7th Generation Intel Core (3) /5 / 17 Processor Processor or State of Foreign Processor (4) (4) Foreign Processor (4) Foreign		i7-6500U			2.5 GHz		4MB					
Processor # of # of # of Base Max ration Center Frequency Processor			7-6600U									
Number Cores Threads Frequency Frequency Cache Types Graphics Cal sees									rocessor	<u> </u>		
Media reader (MAC, SD, SDHC, SDXC) Graphics 2 2 4 GHz - 2MB DDR4-2133 Intel IHD Graphics Forur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock connector Popur USB 3.1 Gen I (USB 3.0, ne Always On), VGA, Mini DisplayPort, Ethernet (R1-45), Dock c							Cache			Smart card reade	r/One slot (ExpressCard/34) er/Ontional: Smart card reader	
For the content of			Cores					Types		Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
Second		Cel 3965U		2	2.2 GHz	-	2MB			Ports		
International Processor is NOT available in EMEA 2.5 GHz 3.6 Hz 3.6		i3-7100U			2.4 GHz	-	3MB				* Depending on many factors, actual data transfer speed may be lower than theoretical speed	
Camera (optional) HD720p resolution, fixed focus Camera (optional) HD720p resolution, fixed, not removable, tray-in Ethernet Camera (optional) HD720p resolution, fixed, not removable, tray-in Camera (optional) HD720p resolution, fixed focus Camera (optional) HD720p resolution Camera (optional) HD720p resolution, fixed focus Camera (optional) HD720p resolution, fixed focus Camera (optional) HD720p resolution Camera (optional) HD			2					_	Intel HD Graphics	Monitor cable	Optional: Lenovo Mini-DisplayPort to DisplayPort Monitor Cable (MiniDP to DP)	
Fire Floor Both								-				
TrackPoint Forward										Audio support		
Intel HD Graphics 520, 610, or 620 in processor only; supports external analog monitor via Vfa and digital monitor via Mini DisplayPort; supports external analog monitor via Vfa and digital monitor via Mini DisplayPort; supports three independent displayS; Max resolution: 3840x2160 @60Hz (DP via mDP cable); 1920x1200 @60Hz (VGA) Chipset Intel SoC (System on Chip) platform 820B max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets 'System clocks down for processors with lower memory controller 820B max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets 'System clocks down for processors with lower memory controller 830B max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets 'System clocks down for processors with lower memory controller 830B memory 15.6° (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 3601 contrast ratio, 160° viewing angle 830B memory 15.6° (396mm) HD (1306x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio, 160° viewing angle 830B memory 15.6° (396mm) HD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio, 160° viewing angle 830B memory 15.6° (396mm) HD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio, 160° viewing angle 830B memory 15.6° (396mm) HD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio, 160° viewing angle 830B memory 15.6° (396mm) HD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio, 160° viewing angle 830B memory 15.6° (396mm) HD (1920x1080), anti-glare, LED backlight, 220 nits ratio, 220 nits, 16:9 aspect ratio, 400:1 or for 600 nits ratio of 600 n			or is No	l ∩T availah		3.9 GHZ	4IVID			Kovhoord		
supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays: Max resolution: 3840x2160 @ 60Hz (DP via mDP cable); 1920x1200 @ 60Hz (VGA) Chipset Memory 20 Intel Soc (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets 'System clocks down for processors with lower memory controller Display Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 1PS, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 1PS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 5ome: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 1PS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 5ome: M.2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, cap, xxxGB SSD) Some: M.2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, cap, xxxGB SSD) Some: M.2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, cap, xxxGB SSD) Some: 128GB M/2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, cap, xxxGB SSD) Some: M.2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, cap, xxxGB SSD) Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vpro model: Intel Ethernet Connection I219-U, (Jacksonville) VPro Model: VPro Model: New Yellow Yell	Granhics	·										
Supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA) Water South (VGA) Water Sout	Спартноо	supports external analog monitor via VGA and digital monitor via Mini DisplayPort:							Mini DisplayPort;	Security	Power-on password, hard disk password, supervisor password, security keyhole	
Chipset Memory Intel SoC (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets System docks down for processors with lower memory controller								-). 100010	000@00U= (VOA)	Security chip Discrete TPM 2.0, TCG Certified		
Memory 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets "System clocks down for processors with lower memory controller" Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 40:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 40:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 40:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 40:1 or 500:1 contrast ratio Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: 128GB M.2 SSD / SATA 6.0Gb/s, 1 wWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection 1219-V (Jacksonville) vPro model: 1 Realter/s TL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 1 Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 1 Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 1 Intel Buel Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 1 Intel Buel Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 1 Intel Buel Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 1 Intel Buel Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 2 Intel Buetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter 3 Intel Buelooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter 3 Intel Buelooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter 3 Intel Buelooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter 3 Intel Buelooth 4.1 wireless xon and support BT4.2 but is limited to BT4.1 by Windows	Object	, , , , , , , , , , , , , , , , , , , ,							200@60HZ (VGA)			
Some: 15.6° (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16.9 aspect ratio, 350:1 contrast ratio Some: 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16.9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16.9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16.9 aspect ratio, 600:1 contrast ratio Some: 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16.9 aspect ratio, 600:1 contrast ratio Some: 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16.9 aspect ratio, 600:1 contrast ratio, 160° viewing angle Multi-touch None Storage Some: HDD / SATA 6.0Gb/s, 2.5° wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5° wide, 7mm high (e.g. xxxGB SSD) Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-LM (Jacksonville) VPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Dual Band Wireless-AC 8266, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Bluetooth™ Bluetooth™ Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi ≥ Ruletooth combo adapter Intel Bluetooth 1.2 wireless, integrated in Wi-Fi ≥ Ruletooth combo adapter Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS		32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets							O-DIMM sockets	NFC		
20 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 1PS, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio None None Storage Multi-touch None Storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, e.g. xxxGB SSD) Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: 128GB M.2 SSD / SATA 6.0Gb/s, 1.5" wide, 7mm high, 6.9. xxxGB SSD / Some: 128GB M.2 SSD / SATA 6.0Gb/s, nuturally exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection 1219-LM (Jacksonville) VPo model: Intel Ethernet Connection 1219-LM (Jacksonville) VPo model: 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 Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Burless imited to BT4.1 by Windows OS *Battery life varies significantly with settings, dadapter 45W slim tip AC adapter Operating system One of the following, configurable by model: • Windows 10 Pro 64 • Wind										Battery	Li-ion 6-cell (48Wh)	
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio 5ome: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio 5ome: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle Multi-touch None Multi-touch None Storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, (e.g. xxxGB SSD) 5ome: 128GB Mz SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s 5ome: 128GB Mz SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection 1219-V (Jacksonville) vPro model: Intel Ethernet Connection 1219-LM (Jacksonville) WLAN One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair serv	Display								ı	Max battery life		
220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle Multi-touch None Storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Neather FTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) 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 Intel Bluetooth 1" Wireless, integrated in Wi-Fi + Bluetooth cond adapter Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS Dyerating system One of the following, configurable by model: Windows 10 Pro 64 Windows 10 Pro 64 Define following, configurable by model: 1-year depot repair service 3-year/1-yr battery depot repair service 3-year/1-yr battery depot repair service 1-year depot repair service 3-year/1-yr battery depot repair service 1-year depot									ıht	AC adapter		
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle Multi-touch None Storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIR NVMe, PCIR 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, multually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Buetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS * Windows 10 Home 64 • Windows 10 Pro 64 •		220 nits. 16:9 aspect ratio. 400:1 or 500:1 contrast ratio								l	perating system One of the following, configurable by model: • Windows® 7 Professional 64 preinstalled	
Multi-touch None Storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M2 SSD / PCle NVMe, PCle 3.0 x 2, 1 66b/s (some: M2 SSD / PCle NVMe, PCle 3.0 x 2, 1 66b/s (some: M2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-V (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8266, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS • Windows 10 Home 64 • Windows 10 Home 64 • Windows 10 Home 64 • Windows 10 Fro 64 Cimited warranty One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 1-year depot repair se		Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS,							ıht, IPS,	3 - 7		
Storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCle NVMe, PCle 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: **Non-vPro model: Intel Ethernet Connection I219-LM (Jacksonville) **Non-vPro model: Intel Ethernet Connection I219-LM (Jacksonville) **Non-vPro model: Intel Ethernet Connection I219-LM (Jacksonville) **Nealtek** RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) **Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter **Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS **Windows 10 Pro 64 Limited warranty One of the following, configurable by model: **1-year depot repair service **3-year/1-yr battery limited onsite service **Mil-Spec test MIL-STD-810G military testing Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant **Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS	Multi-touch							, 160° view	ing angle			
Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) VPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8266, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS Limited warranty One of the following, configurable by model: • 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 testing EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant									tion Svetem™	-		
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) wPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS • 1-year depot repair service • 3-year/1-yr battery limited onsite service	Ololage	Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s							SD)	Limited warranty	Limited warranty One of the following, configurable by model:	
mutually exclusive with WWAN Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • 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 Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS * 3-year/1-yr battery limited onsite service MIL-STD-810G military testing EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant * Invironment EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant										1		
Optical (optional) DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS		Some: 128GB M.2 SSD / SAIA 6.UGD/S, IN WWAN SIOT AS 2ND Storage,							torage,		3-year/1-yr battery depot repair service 3-year/1-yr battery limited ensite service	
Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) VPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) • 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 Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS	Optical (optional)	DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in							1	Mil-Spec test		
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 Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card (US only) 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 Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS 	\A/I ANI	, ,							*)		E. E. a. Gold (OG only), ENERGY O'MY O.1, Horio compilant	
 • 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 Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS 	WLAN	Realtek® RTI 8822RF Wi-Fi 2y2 802 11ac ± RT4 1 M 2 card (HS only)							IS only)			
Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS		 Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 							M.2 card			
* Intel 8260ac / 8265ac card support BT4.2 but is limited to BT4.1 by Windows OS	Discount of The	 Intel Dua 	al Band	Wireless	Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card							
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