ThinkPad T570 Platform Specifications

Processor	Drococce	6th Congretion Intol® Coroll is / i7 Processor	Dimonoiono	M/vDvU+ 14.40" v 0.05" v 0.70.0.00". 265.0mm v 050.0mm v 10.05.00.0mm
Number Corest Threatest Frequency Gardine September Frequency Gardine September Septem	Processor	6th Generation Intel® Core™ i5 / i7 Processor	Dimensions Weight	WxDxH: 14.40" x 9.95" x 0.79-0.80"; 365.8mm x 252.8mm x 19.95-20.2mm
Second 2 4 2.4 GHz 3.0 GHz 3.0 GHz 3.0 GHz 3.0 GHz 4.0 GHz 3.0 GHz			VVCigit	
Processor Proc		i5-6300LL 2.4 GHz 3.0 GHz 3MB Intel HD Graphics		
Case Color Processor First First First Processor First Fir		DDB4-2133		
Processor Formation Processor Formation Processor Proc		2.0 0.12 0.10.12		
Case material Case materia			Case color	
Intel HD Graphics 1.0 2.4 2.7 2.4 2.7 2.5 1.5 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.6 1.4 3.6 3.		Number Cores Threads Frequency Frequency Cache Types Graphics		Display cover: Glass-Fiber Reinforced Plastic (PPS);
Intel HD Graphics S20 or 620 in processor and MVIDIA Gence 940MX, 262 £.56Hz C0DR5 memory; supports external digital monitor via HDMI or VGS Type-C; supports external digital monitor via HDMI or VGS Type-C; supports with endependent displays; Max resolution: 4096x2304 €0Hz (USB Type-C); 4096x2160 €24Hz (HDMI) VGS Type-C Acadapter (15-7300U 2 4 2.6 GHz 3.5 GHz 3MB 2.7 GHz 3.5 GHz 4MB DDR4-2133 Intel HD Graphics 620	Media reader	er <i>Optional:</i> Smart card reader SD 3.0, UHS-I Three USB 3.1 Gen 1 / USB 3.0 (one Always On),
Max resolution: 4096x2304æ60htz (USB Type-C); 4096x2160@24Hz (HDMI) 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 Display Some: 15.6° (396mm) HD (1366x768), anti-glare, LED backlight, IPS, 200 nits, 15.9° aspect ratio, 4001; contrast ratio Some: 15.6° (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 15.9° aspect ratio, 1001; contrast ratio, 72° gamtu, 170° viewing angle spect ratio, 1001; contrast ratio, 72°s gamtu, 170° viewing angle spring to the special speci	Graphics	Intel HD Graphics 520 or 620 in processor and NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory; supports external digital monitor via HDMI or USB Type-C;	Monitor cable (optional)	HDMI 1.4b, Ethernet (RJ-45), Dock connector ThinkPad WiGig dock HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter
Intel SoC (System on Chip) platform Audio Support HID Audio, Realtek AL (23/26 codec / steree speakers, 2W x 2 / doublet Dollar Audio Support Audio			Camera (optional	7) 720p: HD720p resolution, fixed focus
Memory 32GB max / 2400MHz DDR4. dual-channel capable, two DDR4 SO-DIMM sockets System locks down for processors with lower memory controller System locks down for processors with lower memory controller Some: 15.6° (396mm) HD (1926x/58), anti-glare, LED backlight, 220 nits, 15.9 sapect ratio, 7001 contrast ratio, 1702 viewing angle Some: 15.6° (396mm) HD (1920x/1800), anti-glare, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 1702 viewing angle Some: 15.6° (396mm) 4K (3840x/2160), anti-glare, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 7705 viewing angle Some: 15.6° (396mm) 4K (3840x/2160), anti-glare, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle Storage Some: 15.6° (396mm) 4K (3840x/2160), anti-glare, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle Storage System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 770 viewing angle System nan one HDD stor one Mz ≥2280 state, LED backlight, IPS, 300 nits, 16.9 sapect ratio, 7001 contrast ratio, 700 processors with Wild state, 170 processors with Wild state, 170 processors with Wild state, 170 pr	Ohinaat	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Audio support	HD Audio, Realtek ALC3268 codec / stereo speakers, 2W x 2 /
System clocks down for processors with lower memory controller Some 156" (396mm) HD (1366x768), anti-glare, LED backlight, IPS, 220 hits, 16:9 aspect ratio, 100:01 contrast ratio, 170" viewing angle some 156" (396mm) 4K (3840x160), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 100:01 contrast ratio, 170" viewing angle Some 156" (396mm) 4K (3840x160), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 100:01 contrast ratio, 170" viewing angle Some 156" (396mm) 4K (3840x160), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 100:01 contrast ratio, 170" viewing angle No-cell touch, supports 10-linger gesture (FHD only) Power-on password, hard disk password, supervisor password, security keyhole Security clip Securit		INTEL SOC (System on Unip) platform 32GB may / 2400MHz DDR4 dual-channel canable two DDR4 SO-DIMM sockets.	Addio Support	
Display Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, PS 200 ints,169 aspect ratio, 1001: contrast ratio PS 200 ints,169 aspect ratio, 1001: contrast ratio, 170° viewing angle Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 169 aspect ratio, 1000: contrast ratio, 170° viewing angle Some: 15.6" (396mm) 4k (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: 15.6" (396mm) 4k (3840x2160), anti-glare, LED backlight, IPS, 300 nits, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Some: HDD / Some: MS 200 ints, 169 aspect ratio, 1000: 1 contrast ratio, 170° viewing angle Ms 200° viewing angle Ms 20	Wichiory		Keyboard	
Some 15.6° (396mm) Ho (1920x106)), anti-glare, LED backlight, IPS, 200 nits, 16:9 aspect ratio, 700·1 contrast ratio, 170° viewing angle Score 15.6° (396mm) Hk (3840x1260), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700·1 contrast ratio, 170° viewing angle Non-cell touch, supports 10-flinger gesture (FHD only)	Display			
Nulti-louch (<i>opt</i>) On-cell touch, supports 10-finger gesture (FHD only) Storage System has one HDD slot or one M.2 2280 slot exclusively for 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, 16Gb/s, 16Gb/s Intel Clausive with WiGig Some: 16GB Intel Optane™ memory, PCle NVMe, PCle 3.0 x 2, 16Gb/s In WWAN slot as storage cache for HDD, mutually exclusive with WiGig None The Wide Storage in Wide Storage i	,	220 nits,16:9 aspect ratio, 400:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle Some: 15.6" (396mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 300 nits,	Security chip vPro <i>(optional)</i>	Win7 model: discrete TPM 1.2, TCG Certified Win10 model: discrete TPM 2.0, TCG Certified Intel vPro Technology
Some: HDD / SATA 6.0Gb/s, 2.5° wide, 7mm high, 4ctive 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 WiGig Some: 16GB Intel Optane™ memory, PCle NVMe, PCle 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig Optical None Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) WLAN One of the following, configurable by model (WiGig can coexist with WWAN): - Realtek® RTL8822BE, 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 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 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 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 Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card - Intel Buelses-	Multi-touch (opt)			r Optional: Touch style match on chip fingerprint reader on the palm rest
Some: 128GB M2 SSD / SATA 6,0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WiGig Some: 16GB Intel Optane™ memory, PCle NVMe, PCle 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig None Ethernet Non-VPro model: Intel Ethernet Connection 1219-V (Jacksonville) WLAN One of the following, configurable by model (WiGig can coexist with WWAN): Realtek® FTL882BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Tirl-Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Tirl-Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Bluetooth™ Bluetooth 1. Wireless integrated in Wi-Fi + Bluetooth combo adapter Intel 8265ac / 18265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS WWAN (optional) WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): WWAN (optional) Wireless WAN upgradable Integrated 13.8 hr 12.5 hr 18.5 hr 20.0 hr 26.8 hr 12.5 hr 18.5 hr 20.0 hr 26.8 hr 20.0 hr 25.5 hr 18.5 hr 20.0 hr 26.8 hr 20.0 hr 26.0 hr 20.0 hr 26.8 hr 20.0 hr 20.0 hr 26.8 hr 20.0 hr 20.	Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™	External battery	
Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WiGig Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig None Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) windows 10 Pro 64 vPro model: Intel Ethernet Connection I219-LM (Jacksonville) windows 10 Pro 64 vPro model: Intel Ethernet Connection I219-LM (Jacksonville) windows 10 Pro 64 vPro model: Intel Ethernet Connection I219-LM (Jacksonville) windows 10 Pro 64 vPro model: Intel Ethernet Connection I219-LM (Jacksonville) windows 10 Pro 64 vPro model: Intel Ethernet Connection I219-LM (Jacksonville) windows 10 Pro 64 vPro model: Intel Ethernet Connection I219-LM (Jacksonville) windows 10 Pro 64 vPro model: 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 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 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 Buetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS wireless WAN upgradable virtual wireless wire		Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)	Max battery life	Models 4 + 3-cell 6-cell 48Wh 6-cell 72Wh 4 + 6-cell 48Wh 4 + 6-cell 72Wh
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD, mutually exclusive with WiGig Optical None Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) VPro model: Intel Ethernet Connection I219-LM (Jacksonville) VPro model: Intel Ethernet Connection I219-LM (Jacksonville) WLAN One of the following, configurable by model (WiGig can coexist with WWAN): • Realtel® RTL8822BE, 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 Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel ITri-Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel B265ac / 18265ac card support B74.2 but is limited to B74.1 by Windows OS WWAN (optional) WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4G LTE-, Integrated Mobile Broadband 4G LTE, Integ			(MobileMark® 2014)	Integrated
Optical None Non		mutually exclusive with WiGia		
Optical None Willhows 7 Froitestollar 4-y periods Some: Willhows 10 Pro 64 Some: Willhows 10 Pro 64 Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) Windows 10 Pro 64 Lenovo Solution Center Lenovo Solution Center Lenovo PowerEngage Lenovo PowerEngage Lenovo Solution Center Lenovo PowerEngage Microsoft Office preloaded; purchase a product Recovery Microsoft Office preloaded; purchase a product key to activate Bluetooth™ Bluetooth 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 • Microsoft® Office preloaded; purchase a product key to activate • Microsoft® Office preloaded; purchase a product key to activate Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter • Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS Limited warranty One of the following, configurable by model: Limited warranty WWANN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery depot repair service Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card (EMEA only) Mil-Spec test Mil-STD-810G military certification		Some: 16GB Intel Optane™ memory, PCle NVMe, PCle 3.0 x 2, 16Gb/s,	AC adapter	45W or 65W AC adapter (slim tip), 45W or 65W USB Type-C AC adapter
Ethernet Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) WLAN One of the following, configurable by model (WiGig can coexist with WWAN): Pealtek® RTL8822BE, 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 Tirl-Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter Intel 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): Wireless WAN upgradable Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Gierra Wireless EM7455), M.2 card Integrated Mobile Broadband 4G LTE, Integrated Mobile Broadband 4G LTE, Integrated Mobile Broadband 4G LTE, Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card Integrated Mobile Groadband 4G LTE (US) or Lenovo® Connect (EMEA) SIM card	Ontical		Preload	
One of the following, configurable by model (WiGig can coexist with WWAN): • Realtek® RTL8822BE, 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 Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Tiri-Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Tiri-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 8265ac / 18265ac card support BT4.2 but is limited to BT4.1 by Windows OS WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card One of the following, configurable by model (WWAN card emails with WiGig): • Yireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card • Lenovo PowerEngage • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; • Microsoft® Office pr	Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)		Windows 10 Pro 64 • Lenovo Companion
**Realtek® RTL8822BE, 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 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 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 Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Buetooth view of the following state of t	\A/I A N I	(2		
* Intel 8265ac / 18265ac ard support BT4.2 but is limited to BT4.1 by Windows OS WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): Wireless WAN upgradable Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Micro-SIM card (opt) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card	WLAN	 Realtek® RTL8822BE, 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 Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card Intel Tri-Band Wireless-AC 18265, WiGig 802.11ad + Wi-Fi 2x2 802.11ac + BT4.1, 		 ThinkVantage Product Recovery ThinkVantage System Update Adobe® Reader® Microsoft® Office preloaded; purchase a product key to activate
WWAN (optional) One of the following, configurable by model (WWAN can coexist with WiGig): • Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Micro-SIM card (opt) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service • Mil-STD-810G military certification • EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	Limited warranty	
The Grade Widolice Broadband 4 GLTE-A (Sierra Wireless EM7455), M.2 card Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card • Integrated Mobile Broadband 4 GLTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Mil-Spec test MIL-STD-810G military certification EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant	WWAN (optional)	One of the following, configurable by model (WWAN can coexist with WiGig): • Wireless WAN upgradable		3-year/1-yr battery depot repair service
• Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) SIM card (opt) Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card		Qualcomm [®] Snapdragon TM X7 LTE-A (Sierra Wireless EM7455). M.2 card	Mil-Spec test	MIL-STD-810G military certification
SIM card (opt) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card		Integrated Mobile Broadband 4G LTE,	<u> </u>	
	CIM cord (ont)		LIVIIOIIIIGIIL	Li E. ii Goid (GO Gilly), ENETICH GIAIT G.1, HOHO-COMPHANT
	Silvi caru (<i>opt)</i>	MICTO-SIIVI CARD SIOT, OPT VERIZON LIE (US) OF LENOVO® CONNECT (EMEA) SIM CARD		© Lenovo