ThinkPad E470 Platform Specifications

Processor sc s s s s s s s s	Processor	7th Generation In	ntel® Cor	e™ i3 / i5 / i7 Pı	rocessor				Dimensions	Aluminum (WxDxH): 13.35" x 9.53" x 0.88"; 339mm x 242mm x 22.4mm	
Section Sect		Processor # of # of Base Frequency Max Turbo Cache Memory								PC/ABS (WxDxH): 13.35" x 9.53" x 0.93"; 339mm x 242mm x 23.7mm	
See See 2001 7-65000 2 4 2.3 GHz 2.8 GHz 3.10 Hz 4MB 0Pk-2133 0Fk 4MB 0Fk 4MB 3-7000 2 4 2.4 GHz - 3.48 3.10 Hz 3MB 0Fk 4MB			Threads				Controller	Graphics	Case color Case material	Black, Silver, Gold (in EMEA only black color available) Aluminum: Aluminum display cover	
Fig. 25 GHz Strict Stri		i5-6200U					_				
Section Sec			_								
Second 1,75500 2,76 to 3,6 to 3,6 to 4 Mb 1,75500 1,75500 2,76 to 3,6 to 4,76 to 4		i3-7100U	4					Intel HD	Audio support		
ombo audio / microphone jack *i5-6200U, i7-6500U are not available in EMEA Graphics Intel HD Graphics in processor only, or NVidia GeForce 940MX Graphics, 2GB DDR3 memory, or NVidia GeForce 940MX Graphics,							DDR4-2133			stereo speakers, 2W x 2 / dual array microphone, combo audio / microphone jack	
Intel HD Graphics in processor only, or NVidia Geforce \$20MX Graphics, 2GB DDR3 memory, digital monitor support via HDMI ^{ris} (supports) dual independent displays; supports dual independent displays; Max resolution: 1920x1080 (HDMI) ⁹ GeDH2 Memory 32GB max / 2133MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets 'System clocks down for processors with lower memory controller None N						4MB					
Nividia GeForce 920MX Graphics, 2GB DDR3 memory, or Nividia GeForce 920MX Graphics, 2GB DDR3 memory, or Nividia GeForce 940MX Graphics, 2GB DDR3 memory, digital monitor support via HDMI" (supporting HDCP to output protected content); supports dual independent displays; Max resolution: 1920x1080 (HDMI) @ 60Hz Memory 32GB max / 133MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets *System locks down for processors with lower memory controller Display Some: 14.0° (355mm) HD (1366x768), anit-glare, LED backlight, 2011, 15.0° aspect ratio, 4001 contrast ratio Some: 14.0° (355mm) FHD (1290x1080), anit-glare, LED backlight, 1PS, 2011s, 16.9° aspect ratio, 4001 contrast ratio Some: 14.0° (355mm) FHD (1290x1080), anit-glare, LED backlight, 1PS, 2011s, 16.9° aspect ratio, 4001 contrast ratio Some: 14.0° (355mm) FHD (1290x1080), anit-glare, LED backlight, 2011s, 16.9° aspect ratio, 4001 contrast ratio Some: 95-watt AC adapter Some: 95-watt AC ad									UltraNav™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad	
NVidia GeForce 940MX Graphics, 2GB DDR3 memory, digital monitor support wit a HDMI [™] (upporting HDCP to output protected content); supports dual independent displays; Max resolution: 1920x1080 (HDMI) @ 60Hz Memory 32GB max / 2133MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets *System clocks down for processors with lower memory controller Display Some: 14,0" (355mn) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 4,0" (355mn) FHD (1920x1680), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Multi-touch None Multi-touch None M2 SSD Optical None M2 SSD Optical None Gigabit Ethernet Connection, Realtek R8111GUS MLAN One of the following, configurable by model: *Intel Dual Band Wireless-AG 2865, 22x, WirFl + BT combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomm 43A-AC, 2xx, Wir-Fl + Bluetooth combo adapter, M.2 Card • QGA, Qualcomn 44A-AC, 2xx, Wi	Graphics	NVidia GeForce 920MX Graphics, 2GB DDR3 memory, or NVidia GeForce 940MX Graphics, 2GB DDR3 memory, digital monitor support via HDMI™ (supporting HDCP to output protected content);									
digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent displays; Max resolution: 1920x1080 (HDMI) @ 60Hz Memory 326B max / 2133MHz DDP4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets *System clocks down for processors with lower memory controller Display Some: 14.0" (355mm) HD (1926x769), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 4001; contrast ratio Some: 14.0" (355mm) FFD (1920x1080), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 4001; contrast ratio Some: 14.0" (355mm) FFD (1920x1080), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 4001; contrast ratio None Some: 14.0" (355mm) FFD (1920x1080), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 4001; contrast ratio None Some: 14.0" (355mm) FFD (1920x1080), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 4001; contrast ratio None Storage Some: SSD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable some HD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable upgradable some HD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable your close to the following, configurable by model: Illimited warranty Limited warranty 1-yero None WLAN One of the following, configurable by model: Intel Dual Band Wireless, integrated in Wi-Fi + Bluetooth combo adapter, M.2 Card and None WWAN None Simart Card Reader None None None None None None WAN None Simart Card Reader None None Air-i reader (MMC, SD, SDHC, SDXC) Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audiol / microphone jack									Fingerprint reader		
Memory 32GB max / 2133MHz DDR4, non-parity dual-channel capable, wo 260-pin SO-DIMM sockets "System clocks down for processors with lower memory controller Display Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD (1292x/0300), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD (1920x/0300), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio None 14.0" (355mm) HD (1920x/0300), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio None 14.0" (355mm) HD (1920x/0300), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio None 14.0" (355mm) HD (1920x/0300), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio None 15torage Some: SD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable Some: HDID / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ None None MLETHOR OF A Some: No operating system Some: Windows 10 Pro 64 Some: No operating system Some: Windows 10 Home 64 Lenovo Stitings None: Ministry of the following, configurable by model: Intell Dual Band Wireless AC 8265, 222, Wi-Fi + BT combo adapter, M.2 Card O.A. Qualcomm 455-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card O.A. Qualcomm 455-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card O.A. Qualcomm 455-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card O.A. Qualcomm 455-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card None WMAN None Simart Card Reader None									NFČ '	None Power-on password, hard disk password, supervisor password, security keyhole fTPM2.0: Firmware TPM 2.0, integrated in chipset dTPM2.0: Discrete TPM 2.0, TCG Certified No	
Memory 32GB max / 2133MHz DDR4, non-parity, dual-channel capable, two 260-pin SQ-DIMM sockets "System clocks down for processors with lower memory controller Display Some: 14.0° (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 163 aspect ratio, 400:1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 163 aspect ratio, 400:1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 163 aspect ratio, 400:1 contrast ratio Some: 220 nits, 163 aspect ratio, 400:1 contrast ratio Some: 350 nits, 163 aspect ratio, 400:1 contrast ratio Some: 400 none Multi-louch None Storage Some: SD / SATA 6.0Gb/s, 2.5° wide, removable, upgradable some upgradable, Active Protection System™ M.2 SSD None Optical None Ethernet Gigabit Ethernet Connection, Realtek R8111GUS WLAN One of the following, configurable by model: • Intel Dual Band Wireless-AC 8265, 222, Wi-Fi + Bluetooth combo adapter, M.2 Card • CCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • CCA, Qualcomm 345-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth™ Bluetooth™ Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter, M.2 Card Dock None None None None None None None		Max resolution: 1920x1080 (HDMI)@60Hz									
System clocks down for processors with lower memory controller Display Some: 14.0° (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16-9 aspect ratio, 400:1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, PS, 250 nits, 16-9 aspect ratio, 400:1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16-9 aspect ratio, 400:1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16-9 aspect ratio, 400:1 contrast ratio Some: 35 watt AC adapter Some: 35 watt AC adapter Some: 35 watt AC adapter Some: 45-watt		, ,							1 ' '		
Some	,	two 260-pin SO-DIMM sockets									
220 nits, 16:9 aspect ratio, 400°1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 400°1 contrast ratio Some: 14.0° (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400°1 contrast ratio Multi-louch None Multi-louch None Storage Some: SSD / SATA 6.0Gb/s, 2.5° wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5° wide, removable, upgradabl	Dianlay	, ,							Battery life	Li-Polymer 3-cell (45Wh)	
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, PS, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio some: 250 nits, 16:9 aspect ratio, 400:1 contrast ratio 220 nits, 16:9 aspect ratio, 400:1 contrast ratio 400:1 contrast r	Display									Some: 45-watt AC adapter	
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Multi-touch None Storage Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable upgradable, Active Protection System™ M.2 SSD None Optical None Ethernet Gigabit Ethernet Connection, Realtek R8111GUS WLAN One of the following, configurable by model: Intel Dual Band Wireless-AC 8255, 2x2, Wi-Fi + BT combo adapter, M.2 Card OCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter Mnone MWAN SIM card Reader None ExpressCard None ExpressCard None Multi-drard Reader Ports MING Reader Vone ExpressCard None Multicard Reader Ports MING Reader Ports None Sim card Reader Ports MING Reader Ports None None Multicard Reader Ports MING Reader Ports None None None None Multicard Reader Ports MING Reader Ports None None Multicard Reader Ports MING Reader Ports None None None None Multicard Reader Ports MING Reader Ports None None None None None Multicard Reader Ports MING Reader Ports None None None		Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS,						PS,		Some: 65-watt AC adapter	
## Authors Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Lenovo Companion **Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable Upgradable Lenovo Settings **Microsoft Office preloaded; upgradable Mone **Microsoft Office preloaded; upgradable Mone **Microsoft Office preloaded; upgradable Mone **Microsoft Office preloaded; upgradable Microsoft Office preloaded; upgradable Upgra									Proload		
Storage Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ M.2 SSD None Optical None WLAN One of the following, configurable by model: Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card QCA, Qualcomm 434A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter M.2 Card Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter M.2 Card None Smart Card Reader SyressCard None Multicard Reader Ports One Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo adu/ microphone jack **Lenvoy Settings** **Microsoft Office preloaded; purchase a product key to activate on Microsoft Office product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft Office preloaded; purchase a product key to activate on Microsoft		220 nits, 16:9 aspect ratio, 400:1 contrast ratio							Fieldau	Some: Windows 10 Home 64 • Lenovo Companion	
Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ M.2 SSD None Optical None Cigabit Ethernet Connection, Realtek R8111GUS WLAN One of the following, configurable by model: Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BIuetooth combo adapter, M.2 Card OCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card OCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth™ Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter WWAN None SIM card None Smart Card Reader None ExpressCard None Multicard Reader Ports Wicrosoft Office preloaded; purchase a product key to activate Microsoft Office preloaded; buckets activate None Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant Environment Perear depot repair service / service upgrades available Environment Evolution activate Microsoft Office preloaded; buckets activate activates act											
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Optical None Ethernet Gigabit Ethernet Connection, Realtek R8111GUS WLAN One of the following, configurable by model: • Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card • QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth ™ Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter WWAN None SIM card None Smart Card Reader ExpressCard None None Multicard Reader Ports None Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack Limited warranty 1-year - depot repair service / service upgrades available Mil-Spec test None Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant EPEAT™ Gold; ENERGY STAR®; RoHS-compliant Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant Environment Value of the following, configurable by model: Environment EPEAT™ Gold; ENERGY STAR®; RoHS-compliant Environment Two Lord of the following available Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None Environment Value of the following available Mil-Spec test None E											
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• Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter, M.2 Card • QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth™ Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter WWAN None SIM card None Smart Card Reader None ExpressCard None Dock None Multicard Reader A-in-1 reader (MMC, SD, SDHC, SDXC) Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack		<u> </u>							<u>'</u>		
• QCA, Qualcomm 344A-AC, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card • QCA, Qualcomm 435-AC, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth wireless, integrated in Wi-Fi + Bluetooth combo adapter WWAN None SIM card None Smart Card Reader None ExpressCard None Dock None Multicard Reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack		Intel Dual Band Wireless-AC 8265, 2x2, Wi-Fi + BT combo adapter. M.2 Card							Environment	EPEAT™ Gold; ENERGY STAR®; RoHS-compliant	
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SIM card None Smart Card Reader None ExpressCard None Dock None Multicard Reader Ports Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack	WWAN										
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Multicard Reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Ports Two USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone jack											
combo audio / microphone jack	Multicard Reader										
	Ports	IWO USB 3.0 (one Always On), one USB 2.0, HDMI, Ethernet (RJ-45), combo audio / microphone iack									
	Monitor cable		iciopiioi	ic jack							

Lenovo June 2017