

# THINKPAD E SERIES (AMD) LAPTOP SELECTION GUIDE



Laptop model	ThinkPad E14 Gen 2 (AMD)	ThinkPad E14 Gen 3 (AMD)	ThinkPad E14 Gen 4 (AMD)	ThinkPad E14 Gen 4 (AMD)	ThinkPad E15 Gen 2 (AMD)
Part Number	20T6005SUK	20Y700AKUK	21E80042UK	21E80041UK	20T8004GUK
List Price	£829	£829	£824	£1,000	£749
<b>PERFORMANCE</b>					
Processor	AMD Ryzen 5 4500U (6C/6T, 2.3/4.0GHz, 3MB L2/8MB L3)	AMD Ryzen 5 5500U (6C/12T, 2.1/4.0GHz, 3MB L2/8MB L3)	AMD Ryzen 5 5625U (6C/12T, 2.3/4.3GHz, 3MB L2/16MB L3)	AMD Ryzen 7 5825U (8C/16T, 2.0/4.5GHz, 4MB L2/16MB L3)	AMD Ryzen 5 4500U (6C/6T, 2.3/4.0GHz, 3MB L2/8MB L3)
Graphics	Integrated AMD Radeon Graphics				
Chipset	AMD SoC Platform				
Memory	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200 + 8GB SO-DIMM DDR4-3200	8GB Soldered DDR4-3200
Memory Slots	One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable				
Max Memory	Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200	Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200	Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200	Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200	Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200
Storage	256GB SSD M.2 2242 PCIe 3.0x4 NVMe	256GB SSD M.2 2242 PCIe 3.0x4 NVMe	256GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal2	512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal2	256GB SSD M.2 2242 PCIe 3.0x4 NVMe
Storage Support	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB
Storage Slot			Two M.2 slots • One M.2 2242 PCIe 3.0 x4 slot • One M.2 2280 PCIe 3.0 x4 slot	Two M.2 slots • One M.2 2242 PCIe 3.0 x4 slot • One M.2 2280 PCIe 3.0 x4 slot	
Card Reader			No card reader	No card reader	
Optical	None				
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec				
Speakers	Stereo speakers, 2W x2, Dolby Audio, Harman Speakers				
Camera	IR & 720p with Privacy Shutter	HD 720p + IR Hybrid with Privacy Shutter	FHD 1080p + IR Hybrid with Privacy Shutter	FHD 1080p + IR Hybrid with Privacy Shutter	IR & 720p with Privacy Shutter
Microphone	2x, Array				
Battery	Integrated 45Wh	Integrated 57Wh	Integrated 57Wh	Integrated 57Wh	Integrated 45Wh
Max Battery Life	MobileMark 2014: 13 hr MobileMark 2018: 10.7 hr	MobileMark 2018: 15.8 hr (57Wh)	Models with 57Wh battery: MobileMark 2018: up to 15.0 hr JEITA 2.0: up to 21.0 hr	Models with 57Wh battery: MobileMark 2018: up to 15.0 hr JEITA 2.0: up to 21.0 hr	MobileMark 2014: 12.7 hr MobileMark 2018: 10.4 hr
Power Adapter	65W USB-C (3-pin)				
<b>DESIGN</b>					
Display	14" FHD (1920x1080) IPS 250nits Anti-glare	14" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC	14" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC	14" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC	15.6" FHD (1920x1080) IPS 250nits Anti-glare
Touchscreen	None				
Keyboard	Backlit, English (UK)				
Case Color	Black				
Case Material	Aluminium (Top), Aluminium (Bottom)	Aluminium (Top), Aluminium (Bottom)	Aluminium (Top), Aluminium (Bottom)	Aluminium (Top), Aluminium (Bottom)	Aluminium (Top), PC + ABS (Bottom)
Dimensions (WxDxH)	324 x 220 x 17.9 mm (12.76 x 8.66 x 0.7 inches)	324 x 220.7 x 17.9 mm (12.76 x 8.69 x 0.7 inches)	324 x 220.7 x 17.9 mm (12.76 x 8.69 x 0.7 inches)	324 x 220.7 x 17.9 mm (12.76 x 8.69 x 0.7 inches)	365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)
Weight	1.64 kg (3.62 lbs)	Starting at 1.64 kg (3.62 lbs)	Starting at 1.64 kg (3.62 lbs)	Starting at 1.64 kg (3.62 lbs)	1.7 kg (3.75 lbs)
<b>SOFTWARE</b>					
Operating System	Windows 10 Pro 64, English				
Bundled Software	None				
<b>CONNECTIVITY</b>					
Ethernet	100/1000M	100/1000M	100/1000M (RJ-45)	100/1000M (RJ-45)	100/1000M
WLAN + Bluetooth	11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1	11ax, 2x2 + BT5.1
WWAN	None				
SIM Card	None				
NFC	None				
Standard Ports	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.2) 1x HDMI 1.4b 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.2) 1x HDMI 1.4b 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)
Optional Ports (configured)			1x Ethernet (RJ-45)	1x Ethernet (RJ-45)	
Docking	Various docking solutions supported via USB-C				
Monitor Cable	None				
<b>SECURITY &amp; PRIVACY</b>					
Smart Card Reader	None				
Security Chip	Discrete TPM 2.0				
Fingerprint Reader	Touch Style	Touch Style, Integrated in Power Button	Touch Style, Integrated in Power Button	Touch Style, Integrated in Power Button	Touch Style
Physical Locks	Kensington Security Slot	Kensington Security Slot, 3x7 mm	Kensington Security Slot, 3x7 mm	Kensington Security Slot, 3x7 mm	Kensington Security Slot
Other Security	IR camera for Windows Hello Camera privacy shutter				
<b>MANAGEABILITY</b>					
System Management	Non-DASH				
<b>SERVICE</b>					
Base Warranty	1-year, Depot	1-year, Courier or Carry-in	1-year, Courier or Carry-in	1-year, Courier or Carry-in	1-year, Depot
Included Upgrade	None	None	1Y Premier TP Entry WHB (CPN) (5WS1B09493)	1Y Premier TP Entry WHB (CPN) (5WS1B09493)	None
<b>ACCESSORIES</b>					
Bundled Accessories	None				
<b>CERTIFICATIONS</b>					
Green Certifications	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 GREENGUARD TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant
Mil-Spec Test	MIL-STD-810H military test passed				
Other Certifications		TÜV Rheinland Low Blue Light (Software Solution)	TÜV Rheinland Low Blue Light (Software Solution)	TÜV Rheinland Low Blue Light (Software Solution)	

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# THINKPAD E SERIES (AMD) LAPTOP SELECTION GUIDE



	ThinkPad E15 Gen 2 (AMD)	ThinkPad E15 Gen 3 (AMD)	ThinkPad E15 Gen 3 (AMD)	ThinkPad E15 Gen 4 (AMD)	ThinkPad E15 Gen 4 (AMD)
Part Number	20T8006QUK	20YG004NUK	20YG00A3UK	21ED004LUK	21ED004HUK
List Price	£829	£697	£829	£824	£1,000
<b>PERFORMANCE</b>					
Processor	AMD Ryzen 5 PRO 4650U (6C/12T, 2.1/4.0GHz, 3MB L2/8MB L3)	AMD Ryzen 3 5300U (4C/8T, 2.6/3.8GHz, 2MB L2/4MB L3)	AMD Ryzen 5 5500U (6C/12T, 2.1/4.0GHz, 3MB L2/8MB L3)	AMD Ryzen 5 5625U (6C/12T, 2.3/4.3GHz, 3MB L2/16MB L3)	AMD Ryzen 7 5825U (8C/16T, 2.0/4.5GHz, 4MB L2/16MB L3)
Graphics	Integrated AMD Radeon Graphics				
Chipset	AMD SoC Platform				
Memory	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200	8GB Soldered DDR4-3200 + 8GB SO-DIMM DDR4-3200
Memory Slots	One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable				
Max Memory	Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200	Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200	Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200	Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200	Up to 24GB (8GB soldered + 16GB SO-DIMM) DDR4-3200
Storage	256GB SSD M.2 2242 PCIe 3.0x4 NVMe	256GB SSD M.2 2242 PCIe 3.0x4 NVMe	256GB SSD M.2 2242 PCIe 4.0x4 NVMe	512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal2	256GB SSD M.2 2242 PCIe 3.0x4 NVMe Opal2
Storage Support	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB	Up to two drives, 2x M.2 SSD • M.2 2242 SSD up to 512GB • M.2 2280 SSD up to 1TB
Storage Slot				Two M.2 slots • One M.2 2242 PCIe 3.0 x4 slot • One M.2 2280 PCIe 3.0 x4 slot	Two M.2 slots • One M.2 2242 PCIe 3.0 x4 slot • One M.2 2280 PCIe 3.0 x4 slot
Card Reader				No card reader	No card reader
Optical	None				
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec				
Speakers	Stereo speakers, 2W x2, Dolby Audio, Harman Speakers				
Camera	720p with Privacy Shutter	HD 720p + IR Hybrid with Privacy Shutter	HD 720p + IR Hybrid with Privacy Shutter	FHD 1080p + IR Hybrid with Privacy Shutter	FHD 1080p + IR Hybrid with Privacy Shutter
Microphone	2x, Array				
Battery	Integrated 45Wh	Integrated 57Wh	Integrated 57Wh	Integrated 57Wh	Integrated 57Wh
Max Battery Life	MobileMark 2014: 12.7 hr MobileMark 2018: 10.4 hr	MobileMark 2018: 13.6 hr (57Wh)	MobileMark 2018: 13.6 hr (57Wh)	Models with 57Wh battery: MobileMark 2018: up to 12.0 hr JEITA 2.0: up to 16.5 hr	Models with 57Wh battery: MobileMark 2018: up to 12.0 hr JEITA 2.0: up to 16.5 hr
Power Adapter	65W USB-C (3-pin)				
<b>DESIGN</b>					
Display	15.6" FHD (1920x1080) IPS 250nits Anti-glare	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 45% NTSC
Touchscreen	None				
Keyboard	Backlit, English (UK)				
Case Color	Black				
Case Material	Aluminium (Top), Aluminium (Bottom)				
Dimensions (WxDxH)	365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)	365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)	365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)	365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)	365 x 240 x 18.9 mm (14.37 x 9.45 x 0.74 inches)
Weight	1.7 kg (3.75 lbs)	Starting at 1.7 kg (3.75 lbs)	Starting at 1.7 kg (3.75 lbs)	Starting at 1.78 kg (3.92 lbs)	Starting at 1.78 kg (3.92 lbs)
<b>SOFTWARE</b>					
Operating System	Windows 10 Pro 64, English	Windows 10 Pro 64, English	Windows 11 Pro 64, English	Windows 11 Pro 64, English	Windows 11 Pro 64, English
Bundled Software	None				
<b>CONNECTIVITY</b>					
Ethernet	100/1000M	100/1000M	100/1000M	100/1000M (RJ-45)	100/1000M (RJ-45)
WLAN + Bluetooth	11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1	Wi-Fi 6 11ax, 2x2 + BT5.1
WWAN	None				
SIM Card	None				
NFC	None				
Standard Ports	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery 3.0 and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)	1x USB 2.0 1x USB 3.2 Gen 1 (Always On) 1x USB-C 3.2 Gen 1 (support data transfer, Power Delivery and DisplayPort 1.2) 1x HDMI 1.4b 1x Ethernet (RJ-45) 1x Headphone/microphone combo jack (3.5mm)
Optional Ports (configured)	None				
Docking	Various docking solutions supported via USB-C				
Monitor Cable	None				
<b>SECURITY &amp; PRIVACY</b>					
Smart Card Reader	None				
Security Chip	Discrete TPM 2.0				
Fingerprint Reader	Touch Style	Touch Style, Integrated in Power Button	Touch Style, Integrated in Power Button	Touch Style, Integrated in Power Button	Touch Style
Physical Locks	Kensington Security Slot	Kensington Security Slot, 3x7 mm	Kensington Security Slot, 3x7 mm	Kensington Security Slot, 3x7 mm	Kensington Security Slot, 3x7 mm
Other Security	Camera privacy shutter	IR camera for Windows Hello Camera privacy shutter			
<b>MANAGEABILITY</b>					
System Management	Non-DASH				
<b>SERVICE</b>					
Base Warranty	1-year, Depot	1-year, Courier or Carry-in	1-year, Courier or Carry-in	1-year, Courier or Carry-in	1-year, Courier or Carry-in
Included Upgrade	None	CO2 Offset 0.5 ton (5WS0Z74930)	None	1Y Premier TP Entry WHB (CPN) (5WS1B09493)	1Y Premier TP Entry WHB (CPN) (5WS1B09493)
<b>ACCESSORIES</b>					
Bundled Accessories	None				
<b>CERTIFICATIONS</b>					
Green Certifications	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 GREENGUARD TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 GREENGUARD TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant	EPEAT Gold ENERGY STAR 8.0 ErP Lot 3 TCO Certified RoHS compliant
Mil-Spec Test	MIL-STD-810H military test passed				
Other Certifications		TÜV Rheinland Low Blue Light (Software Solution)	TÜV Rheinland Low Blue Light (Software Solution)	TÜV Rheinland Low Blue Light (Software Solution)	TÜV Rheinland Low Blue Light (Software Solution)

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