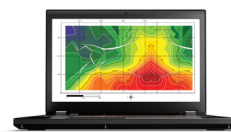




Lenovo ThinkPad P51 Intel® Xeon® E3 v6 E3-1535MV6 Stasiun kerja seluler 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA® Quadro® M2200 Wi-Fi 5 (802.11ac) Windows 10 Pro Hitam



Brand : Lenovo

Product family: ThinkPad

Product code: 20HH0008US

Product name : ThinkPad P51

Lenovo ThinkPad P51. Jenis produk: Stasiun kerja seluler, Faktor bentuk: Kulit kerang. Keluarga prosesor: Intel® Xeon® E3 v6, Model prosesor: E3-1535MV6, Frekuensi prosesor: 3,1 GHz. Diagonal layar: 39,6 cm (15.6"), Tipe HD: Full HD, Resolusi layar: 1920 x 1080 piksel. Memori internal: 16 GB, Tipe memori internal: DDR4-SDRAM. Total kapasitas penyimpanan: 1 TB, Media penyimpanan: SSD. Model adaptor grafis pada papan induk: Intel® HD Graphics P630. Sistem operasi yang terpasang: Windows 10 Pro. Warna produk: Hitam



Desain		Port & antarmuka	
Jenis produk *	Stasiun kerja seluler	Konektor dok	✓
Warna produk *	Hitam	Slot SmartCard	✓
Faktor bentuk *	Kulit kerang	Tidur-dan-Isi USB	✓
Bahan Kerangka Mesin	Aluminium, Plastik yang diperkuat kaca (GRP), Magnesium	Port Tidur-dan-Isi USB	1
Pemosisian pasar	Kinerja tinggi	Performa	
Layar		Chipset papan induk	Intel® CM238
Diagonal layar *	39,6 cm (15.6")	Keyboard	
Resolusi layar *	1920 x 1080 piksel	Alat penunjuk	ThinkPad UltraNav
Layar sentuh *	✗	Tombol angka *	✓
Tipe HD	Full HD	Lampu latar keyboard	✓
Jenis panel	IPS	Keyboard bergaya island	✓
Lampu belakang LED	✓	Keyboard tahan tumpahan cairan	✓
Rasio aspek native	16:9	Keyboard ukuran penuh	✓
Permukaan Tampilan	Matte	Tombol Windows	✓
Bentuk layar	Datar	Perangkat lunak	
Kecerahan layar	250 cd/m2	Arsitektur sistem operasi	64-bit
Rasio kontras (rata-rata)	700:1	Sistem operasi yang terpasang *	Windows 10 Pro
Prosesor		Fitur khusus prosesor	
Produsen prosesor *	Intel	Teknologi Intel® My WiFi (Intel® MWT)	✓
Keluarga prosesor *	Intel® Xeon® E3 v6	Teknologi Intel® Smart Response	✓
Model prosesor *	E3-1535MV6	Teknologi Intel® Identity Protection (Intel® IPT)	✓
Inti prosesor	4	Teknologi Intel® Hyper Threading (Intel® HT Technology)	✓
Thread prosesor	8	Teknologi Intel® Turbo Boost	2.0
Frekuensi pendorong prosesor	4,2 GHz	Teknologi SpeedStep Intel® yang diperbaharui	✓
Frekuensi prosesor *	3,1 GHz	Intel HD Graphics	✓
Kecepatan bus sistem	8 GT/dt	Teknologi Intel® Clear Video HD (Intel® CVT HD)	✓
Cache prosesor	8 MB	Teknologi video Terang Intel®	✓
Tipe cache Prosesor	Smart Cache	Teknologi Intel® InTru™ 3D	✓
Soket prosesor	BGA 1440	Teknologi Intel® Quick Sync Video	✓
Litografi prosesor	14 nm	Akses Memori Fleks Intel®	✓
Modus pengoperasian prosesor	64-bit		
Seri Prosesor	Intel Xeon E3-1500M v6		
Nama kode prosesor	Kaby Lake		
Bus type	DMI3		
Pelengkahan	B0		
Thermal Design Power (TDP)	45 W		

Prosesor		Fitur khusus prosesor	
TDP-down dapat dikonfigurasi	35 W	Instruksi Baru AES Intel® (Intel® AES-NI)	✓
Tjunction	100 °C	Teknologi Eksekusi Terpercaya Intel®	✓
Jumlah maksimal jalur Ekspres PCI	16	Intel® Enhanced Halt State	✓
Versi slot PCI Express	3.0	Intel® VT-x dengan Tabel Halaman Ekstensi (EPT)	✓
Konfigurasi PCI Express	1x16, 1x8+2x4, 2x8	Intel® Secure Key	✓
EEC didukung oleh prosesor	✓	Intel® TSX-NI	✓
Memori		Program Platform Gambar Stabil Intel® (SIPP)	✓
Memori internal *	16 GB	Intel® Penjaga OS	✓
Tipe memori internal	DDR4-SDRAM	Ekstensi Penjaga Perangkat Lunak Intel® (Intel® SGX)	✓
Kecepatan memori	2400 MHz	Teknologi Video Jelas Intel® untuk MID (Intel® CVT for MID)	✓
Faktor bentuk memori	SO-DIMM	Intel® 64	✓
Tata letak memori (slot x ukuran)	2 x 8 GB	Bit Nonaktif Eksekusi	✓
Slot memori	4x SO-DIMM	Keadaan Diam	✓
Memori internal maksimal *	64 GB	Teknologi Monitor Termal	✓
media penyimpanan		Ukuran paket prosesor	42 x 28 mm
Total kapasitas penyimpanan *	1 TB	Set instruksi yang didukung	AVX 2.0, SSE4.1, SSE4.2
Media penyimpanan *	SSD	Kode prosesor	SR32H
Jumlah SSD yang terpasang	1	Konfigurasi CPU (maks)	1
Kapasitas SSD	1 TB	Pilihan Tertanam Tersedia	✗
Antarmuka SSD	PCI Express	Intel® Virtualization Technology untuk Directed I/O (VT-d)	✓
Faktor bentuk SSD	M.2	Intel Identity Protection Technology version	1,00
Tipe drive optikal *	✗	Versi Teknologi Respons Pintar Intel®	1,00
Pembaca kartu terintegrasi	✓	Versi Program Platform Gambar Stabil Intel® (SIPP)	1,00
Kartu memori yang kompatibel	MMC, SD, SDHC, SDXC	Intel Secure Key Technology version	1,00
Grafik		Versi TSX-NI Intel®	1,00
Model adaptor grafis diskrit *	NVIDIA® Quadro® M2200	Teknologi Virtualisasi Intel® (VT-x)	✓
Memori adaptor grafik berlainan	4 GB	ID ARK prosesor	97468
Adaptor grafis pada papan induk *	✓	Prosesor tanpa gangguan	✓
Adaptor grafis diskrit *	✓	Baterai	
Keluarga adaptor VGA internal	Intel® HD Graphics	Teknologi baterai	Polimer Lithium (LiPo)
Model adaptor grafis pada papan induk *	Intel® HD Graphics P630	Jumlah sel baterai	6
Frekuensi basis adapter grafis on-board	350 MHz	Kapasitas baterai *	90 Wj
Frekuensi dinamis adapter grafis On-board (maks)	1100 MHz	Daya tahan baterai (maks)	6,1 j
Memori adaptor grafik di kendaraan maksimal	1,7 GB	Daya	
Versi DirectX adaptor grafik di kendaraan	12.0	Daya adaptor AC	170 W
Versi OpenGL adaptor grafik di kendaraan	4.4	Frekuensi adaptor AC	50 - 60 Hz
ID adaptor grafik di kendaraan	0x591D	Tegangan masuk adaptor AC	100 - 240 V
Audio		DC-in jack	✓
Chip audio	Realtek ALC3268	Keamanan	
Jumlah pengeras suara terpasang	2	Slot kunci kabel	✓
Daya pengeras suara	2 W	Pembaca sidik jari	✓
Mikrofon terpasang	✓	Trusted Platform Module (TPM)	✓
Kamera		Perlindungan password	✓
Kamera depan	✓	Tipe perlindungan kata sandi	HDD, Ketika dihidupkan, Supervisor
Resolusi Kamera Depan	1280 x 720 piksel	Sertifikat	
Format sinyal kamera depan	720p	Sertifikat kepatuhan	RoHS
Jaringan		Kelestarian lingkungan	
Wi-Fi	✓	Sertifikat keberlanjutan	EPEAT Gold, ENERGY STAR
Standar Wi-Fi *	Wi-Fi 5 (802.11ac)		
Standar Wi-Fi	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		

Jaringan		Berat dan dimensi	
Kecepatan data LAN ethernet	10,100,1000 Mbit/d	Panjang	377,4 mm
Bluetooth	✓	Lebar	252,3 mm
Versi bluetooth	4.1	Tinggi (depan)	2,45 cm
Port & antarmuka		Tinggi (belakang)	2,94 cm
Kuantitas port Tipe A USB 3.2 Gen 1 (3.1 Gen 1) *	4	Berat *	2,67 kg
Kuantitas port Tipe C USB 3.2 Gen 1 (3.1 Gen 1) *	1	Isi kemasan	
Soket LAN ethernet (RJ-45)	1	Adaptor AC disertakan *	✓
Jumlah port HDMI *	1	Panduan	✓
Versi HDMI	1.4b	Panduan memulai cepat	✓
Jumlah soket Mini DisplayPorts	1	Kabel listrik disertakan	✓
Soket DVI	✗	Fitur lainnya	
Mikrofon masuk	✗	LightScribe	✗
Soket mic/headphone Combo	✓	Memori internal maksimal (64-bit)	64 GB

Catalog Object Cloud



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