



Acer TravelMate P2 P248-M-57J4 Intel® Core™ i5 i5-6200U Laptop 35.6 cm (14") 4 GB DDR3L-SDRAM 500 GB HDD Wi-Fi 5 (802.11ac) Windows 7 Professional Black

Brand : Acer

Product family: TravelMate

Product code: NX.VBEAA.002

Product name : P248-M-57J4

Intel Core i5-6200U (3M Cache, 2.30 GHz), 14" HD (1366x768) LED, 4GB DDR3L, 500GB SATA HDD, Intel HD Graphics 520, Gigabit Ethernet, WLAN 802.11a/b/g/n/ac, Bluetooth 4.0, HD Webcam, Windows 7 Professional 64-bit

Acer TravelMate P2 P248-M-57J4. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-6200U, Processor frequency: 2.3 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 7 Professional. Product colour: Black. Weight: 2.1 kg



Design		Software	
Product type *	Laptop	Operating system architecture	64-bit
Product colour *	Black	Operating system installed *	Windows 7 Professional
Form factor *	Clamshell	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35.6 cm (14")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✗
Touchscreen *	✗	Intel® Smart Response Technology	✓
HD type	Not supported	Intel® Identity Protection Technology (Intel® IPT)	✓
Panel type	TFT	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
LED backlight	✓	Intel® Turbo Boost Technology	2.0
Native aspect ratio	16:9	Intel® Small Business Advantage (Intel® SBA)	✓
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Built-in Visuals Technology	✓
Processor family *	Intel® Core™ i5	Intel HD Graphics	✓
Processor generation	6th gen Intel® Core™ i5	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i5-6200U	Intel Clear Video Technology	✓
Processor cores	2	Intel® InTru™ 3D Technology	✓
Processor threads	4	Intel® Insider™	✓
Processor boost frequency	2.8 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	2.3 GHz	Intel Flex Memory Access	✓
System bus rate	4 GT/s	Intel® Smart Cache	✓
Processor cache	3 MB		
Processor cache type	Smart Cache		
Processor socket	LGA 1356 (Socket B2)		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-6200 series		
Processor codename	Skylake		
Bus type	QPI		

Processor		Processor special features	
FSB Parity	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Stepping	D1	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	15 W	Intel Enhanced Halt State	✓
Configurable TDP-up frequency	2.4 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-up	25 W	Intel Demand Based Switching	✗
Configurable TDP-down	7.5 W	Intel® Secure Key	✓
Configurable TDP-down frequency	0.8 GHz	Intel TSX-NI	✗
Tjunction	100 °C	Intel Stable Image Platform Program (SIPP)	✗
Maximum number of PCI Express lanes	12	Intel® OS Guard	✓
PCI Express slots version	3.0	Intel Software Guard Extensions (Intel SGX)	✓
PCI Express configurations	1x4, 4x1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3L-SDRAM	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	42 X 24 mm
Maximum internal memory *	16 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage		Processor code	SR2EY
Total storage capacity *	500 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	14 nm
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA	Intel Identity Protection Technology version	1.00
Optical drive type *	✗	Intel Smart Response Technology version	1.00
Card reader integrated	✓	Intel Stable Image Platform Program (SIPP) version	0.00
Compatible memory cards	SD	Intel Secure Key Technology version	1.00
Graphics		Intel Small Business Advantage (SBA) version	1.00
Discrete graphics card model *	Not available	Intel TSX-NI version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Intel Dual Display Capable Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel FDI Technology	✗
On-board graphics card model *	Intel® HD Graphics 520	Intel Rapid Storage Technology	✗
On-board graphics card base frequency	300 MHz	Intel Fast Memory Access	✗
On-board graphics card dynamic frequency (max)	1000 MHz	Processor ARK ID	88193
Maximum on-board graphics card memory	1.74 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	12.0	Battery	
On-board graphics card OpenGL version	4.4	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card ID	1916	Number of battery cells	4
Graphics card Open GL support	✓	Battery capacity	2520 mAh
Audio		Battery life (max)	6 h
Built-in microphone	✓	Power	
Camera		AC adapter power	45 W
Front camera	✓	DC-in jack	✓
Network		Weight & dimensions	
Wi-Fi	✓	Width	343 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Depth	243.8 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Height	25.4 mm
Ethernet LAN	✓		
Bluetooth	✓		

Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Height (front)	2.49 cm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height (rear)	2.49 cm
Ethernet LAN (RJ-45) ports	1	Weight *	2.1 kg
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Other features	
Combo headphone/mic port	✓	3D	✗
Docking connector	✗	Intel segment tagging	Enterprise, Small Business
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		

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