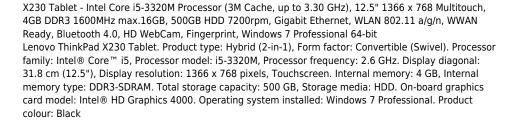
## Lenovo.

## Lenovo ThinkPad X230 Tablet Intel® Core™ i5 i5-3320M Hybrid (2-in-1) 31.8 cm (12.5") Touchscreen 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Black

Brand : Lenovo Product family: ThinkPad Product code: 343522U

Product name: X230 Tablet







Design		Software	
Product type *	Hybrid (2-in-1)	Operating system architecture	64-bit
Product colour *	Black	Drivers included	✓
Form factor *	Convertible (Swivel)	Operating system installed *	Windows 7 Professional
Display		Processor special features	
Display diagonal *	31.8 cm (12.5")	Intel® Wireless Display (Intel®	/
Display resolution *	1366 x 768 pixels	WiDi)	•
Touchscreen *	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Touch technology	Multi-touch	Intel® Anti-Theft Technology	
LED backlight	✓	(Intel® AT)	<b>✓</b>
Native aspect ratio	16:9	Intel® Identity Protection	/
Processor		Technology (Intel® IPT)	
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	3rd gen Intel® Core™ i5	Enhanced Intel SpeedStep	/
Processor model *	i5-3320M	Technology	•
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	<b>✓</b>
Processor threads	4	,	
Processor boost frequency	3.3 GHz	Intel Clear Video Technology	×
Processor frequency *	2.6 GHz	Intel® InTru™ 3D Technology	<b>✓</b>
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	<b>✓</b>
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	BGA 1023	Intel® Smart Cache	<b>✓</b>
Processor lithography	22 nm	Intel® AES New Instructions (Intel®	
Processor operating modes	64-bit	AES-NI)	•
Processor series	Intel Core i5-3300 Mobile series	Intel Trusted Execution Technology	✓
Processor codename	Ivy Bridge	Intel Enhanced Halt State	✓
Bus type	DMI	Intel VT-x with Extended Page	/
FSB Parity	×	Tables (EPT)	•
Stepping	L1	Intel Demand Based Switching	×
Thermal Design Power (TDP)	35 W	Intel® Secure Key	✓
Tjunction	105 °C		

Processor   Proc				
James   Mode	Processor		Processor special features	
Companishment	lanes		Mobile Internet Devices (Intel CVT	×
Number of processor's supported   2	·		,	
CPU multiplier flust/core rank)         68         Idea States         7           CEC supported by processor         X         7         75x 37.5 (r/GA9888); 31.0 x 24.0           Memory         Internal memory         4 GB         Supported instruction sets         37.5 x 37.5 (r/GA9888); 31.0 x 24.0           Memory softs         1 600 MHz         CPC consiguration (max)         1 1           Memory softs         2 500 DIMM         CPC configuration (max)         1 2           Storage         1 60 G         Certification (max)         2 2 m           Storage media         500 GB         Intell Virtualization Technology (max)         2 cm           Storage media         MDD         Intell Identity Protection Technology (max)         2 cm           Storage media         MDD         Intell Identity Protection Technology (max)         1 cm           William Expect         X         Intell Identity Protection Technology (max)         1 cm           HDD Speed         X         Intell Identity Protection Technology (max)         2 cm           Cord reader integrated         X         Intell Identity Protection Technology (max)         2 cm           Cord reader integrated         MC Sp. SDKC, SDKC         Intell Sp. SDKC         3 cm         4 cm           Cord reader integrated         MC				
ECC supported by processor         X         Thermal Monitoring Technologies         Z         37.5 x 37.5 (PGA988B); 31.0 x 24.0         Memory Memory         4 GB         37.5 x 37.5 (PGA988B); 31.0 x 24.0         Continues of Memory Memory         4 GB         Supported instruction sets         AVX         AVX         CEMORATION CONTINUES         AVX				
Memory				
Internal memory     A GB		*	Thermal Monitoring Technologies	
Internal memory type	•	4 GB		(BGA1023)
Memory clock speed         1500 MHz         Processor Cole         SKOMM           Memory slots         2 KS O-DIMM         Embedded options available         X           Maximum internal memory         16 GB         Embedded options available         X           Storage         SD GB         Divided dividentity Protection Technology for Dividentity Protection Technology for Dividentity Protection Technology         Dividentity Protection Technology for Dividentity Protection Technology for State Protection Protection Technology for State Protection Protection Technology         Dividentity Protection Technology for State Protection Protection Technology           POSPAGE         Y         Processor ARI Name         Processor Protection Technology         Processor ARI Name           Card reader integrated         Y         Processor ARI Name         Processor ARI Name <td>•</td> <td></td> <td>• •</td> <td></td>	•		• •	
Memory sylots				
Skorage   Skor	·			
Storage	Maximum internal memory *	16 GB		
Total storage capacity*   Soo GB	Storage			22 nm
Number of HDDs installed	-	500 GB	Directed I/O (VT-d)	<b>✓</b>
HDD sapacity	•			1.00
HDD speed         7200 RPM         Intel Virtualization Technology (VT-Value)         ✓           Optical drive type *         X         Intel Dual Display Capable         ✓           Card reader integrated         ✓         Technology         ✓           Compatible memory cards         MMC, SD, SDHC, SDXC         Intel Flat Technology         X           Graphics         Intel Rapid Storage Technology         X           Discrete graphics card model *         Not available         Intel Rapid Storage Technology         X           On-board graphics card family         Intel® HD Graphics         Conflict-Free processor         X           On-board graphics card family         Intel® HD Graphics 4000         Battery         X           On-board graphics card family         Intel® HD Graphics 4000         Battery         X           On-board graphics card daynamic frequency (max)         1200 MHz         Battery         X           On-board graphics card Daynamic frequency (max)         1200 MHz         Power         X           Audio         X         Y         Security         X           Built-in paeker(s)         √         Cable lock slot         X           Number of built-in speakers         2         Feectriffacts         X           WiFFi <t< td=""><td></td><td></td><td>Intel Secure Key Technology version</td><td>1.00</td></t<>			Intel Secure Key Technology version	1.00
Optical drive type *         X         Intel Dual Display Capable Technology         *           Card reader integrated         /         Intel FDI Technology         *           Compatible memory cards         MMC, SD, SDHC, SDXC         Intel FDI Technology         *           Discrete graphics card model *         Not available         Intel Fast Memory Access         *           On-board graphics card *         X         Conflict-Free processor         *           On-board graphics card family         Intel® HD Graphics         Integrated 4G WiMAX         *           On-board graphics card model *         Intel® HD Graphics         Battery         *           On-board graphics card model *         Intel® HD Graphics         Battery         *           On-board graphics card model *         Intel® HD Graphics         Battery life (max)         9.9 h           On-board graphics card base frequency         650 MHz         Battery life (max)         9.9 h           On-board graphics card dynamic frequency         1200 MHz         Security         *           Sulti-in speakers         2         Ectification         X           Sulti-in speakers         2         Ectification         X           Wi-Fi         Y         Y         Y           Network         <	' '			<b>✓</b>
Card reader integrated         V         lectnology         V           Compatible memory cards         MMC, 5D, SDHC, SDXC         Intel Rapid Storage Technology         X           Discrete graphics card model * On-board graphics card * V         Intel Fast Memory Access         V           On-board graphics card * V         Conflict-Free processor         V           On-board graphics card adel * Intel® HD Graphics         Intel® HD Graphics         Integrated 4G WiMAX         V           On-board graphics card model * Intel® HD Graphics 4000         Battery         V         On-board graphics card base frequency         650 MHz         Battery         Mumber of battery cells         6         9.9 h         On-board graphics card dynamic frequency (max)         V         Power         V         Declan jack         V         Power         V         Declan jack         V         Audio         V         Audio         V         Audio         V         Security         V         Cable lock slot         X         Y         Audio         X         Power         V         Cable lock slot         X         Y         Cable lock slot         X         Y         Cable lock slot         X         Y         Catteriticates         Y         Catteriticates         Y         Catteriticates         Y         Catteriticates	Optical drive type *	×	Intel Dual Display Capable	/
Graphics         Intel Rapid Storage Technology         X           Discrete graphics card model * On-board graphics card *	J		· ·	
Intel Fast Memory Access	Compatible memory cards	MMC, SD, SDHC, SDXC	3,	
Not available   Not availabl	Graphics			×
Conflict-Free processor   Variable   Conflict-Free processor   Variable   Conflict-Free processor   Variable   Conflict-Free processor   Variable   Vari	Discrete graphics card model *	Not available	•	
	On-board graphics card *	✓		
On-board graphics card model * Intel® HD Graphics 4000	Discrete graphics card *	×	Conflict-Free processor	
On-board graphics card base frequency         650 MHz         Number of battery cells Battery life (max)         6 9,9 h           On-board graphics card dynamic frequency (max)         1200 MHz         Power           On-board graphics card ID         0x166         Dc-in jack         ✓           Security         Security         ✓           Built-in speaker(s)         ✓         Cable lock slot         X           Number of built-in speakers         2         Fingerprint reader         ✓           Built-in microphone         ✓         Certificates         ✓           Network         Certificates         ✓           Wi-Fi         ✓         Sustainability         ✓           Networking features         Gigabit Ethernet, WLAN         Sustainability certificates         EPEAT Gold, ENERGY STAR           Ethernet LAN         40         Weight & dimensions         EPEAT Gold, ENERGY STAR           Ethernet LAN data rates         10,100,1000 Mbit/s         Width         305 mm           Bluetooth         ✓         Leight (rear)         2.28.7 mm           Bluetooth version         4.0         Height (rear)         3.13 cm           USB 2.0 ports quantity*         1         Height (rear)         3.12 cm (1.29 cm (1.6°)           USB 2.0 Gen 1	On-board graphics card family	Intel® HD Graphics	Integrated 4G WiMAX	<b>✓</b>
Frequency   Do. MHz   Battery life (max)   9.9 h   No. Meta	On-board graphics card model *	Intel® HD Graphics 4000	Battery	
On-board graphics card dynamic frequency (max)         1200 MHz         Power           On-board graphics card ID         0x166         DC-in jack         ✓           Audio         Security         Security         X           Built-in speaker(s)         ✓         Cable lock slot         X           Number of built-in speakers         2         Fingerprint reader         ✓           Built-in microphone         ✓         Certificates         ULE Gold           Wi-Fi         ✓         Seatinability         ULE Gold           Networking features         Gigabit Ethernet, WLAN         Sustainability         ULE Gold           Wi-Fi standards         802.11a, 802.11g, Wi-Fi 4 (802.11a)         Sustainability         EPEAT Gold, ENERGY STAR           Ethernet LAN         40.01,01000 Mbit/s         Widh dimensions         EPEAT Gold, ENERGY STAR           Ethernet LAN data rates         10,100,1000 Mbit/s         Widh (front)         3.05 mm           Bluetooth version         4.0         Height (front)         2.7 cm           Cabling technology         10,100,1000 Mbit/s         Widh (imperial)         3.05 cm (12°)           VSB 3.2 Gen 1 (3.1 Gen 1) Type-A         2         Pert (imperial)         2.9 cm (9°)           USB 3.2 Gen 1 (3.1		650 MHz		
Frequency (max) On-board graphics card ID Ox166  Security  Euilt-in speaker(s) Number of built-in speakers 2 Built-in microphone V  Network  Wi-Fi V Network V Wi-Fi V Networking features Gigabit Ethernet, WLAN Wi-Fi standards 802.11a, 802.11g, Wi-Fi 4 (802.11n) Ethernet LAN V V Wi-Fi V V Wight & dimensions Ethernet LAN U Wi-Fi V V Wight & dimensions Ethernet LAN U Wi-Fi V V Wight & dimensions Ethernet LAN U Wi-Fi V V Wight (rear) U U Su 2.7 cm U U Su 2.7 cm U U Su 2.9 cm (9") U Su 3.13 cm V Width (imperial) U Su 3.12 cm (1.23") U Su 3.12	On-board graphics card dynamic	1200 MHz	Battery life (max)	9.9 h
Audio  Built-in speaker(s) Number of built-in speakers 2 Built-in microphone V  Network  Wi-Fi Networking features Gigabit Ethernet, WLAN Wi-Fi standards Ethernet LAN Ethernet LAN Bluetooth V Blueto	· ·		Power	
Built-in speaker(s) Number of built-in speakers 2 Built-in microphone V  Network Wi-Fi Networking features Gigabit Ethernet, WLAN Wi-Fi standards Ethernet LAN Wi-Fi standards Ethernet LAN Wi-Fi standards Ethernet LAN Wi-Fi standards ULE Gold  Sustainability Sus	On-board graphics card ID	0x166	DC-in jack	✓
Built-in speaker(s)       Y         Number of built-in speakers       2       Fingerprint reader       Y         Built-in microphone       Y       Certificates         Network       Certification       ULE Gold         Wi-Fi       Y       Sustainability         Networking features       Gigabit Ethernet, WLAN       Sustainability certificates       EPEAT Gold, ENERGY STAR         Wi-Fi standards       802.11a, 802.11g, Wi-Fi 4 (802.11n)       Width       305 mm         Ethernet LAN       V       Weight & dimensions         Ethernet LAN data rates       10,100,1000 Mbit/s       Width       305 mm         Bluetooth version       4.0       Depth       22.7 cm         Cabling technology       10/100/1000Base-T(X)       Height (rear)       3.13 cm         Ports & interfaces         USB 2.0 ports quantity*       1       Height (imperial)       2.2.9 cm (9")         USB 3.2 Gen 1 (3.1 Gen 1) Type-A       2       Height (rear) (imperial)       3.12 cm (1.23")         USB 3.2 Gen 1 (3.1 Gen 1) Type-A       2       Height (rear) (imperial)       3.12 cm (1.23")         UsinglayPorts quantity       1       Height (rear) (imperial)       3.12 cm (1.23")         Ports quantity       AC adapter included*	Audio		Security	
Number of built-in speakers       2       Finigerprint reader       V         Built-in microphone       V       Certificates         Network       Certification       ULE Gold         Wi-Fi       V       Sustainability         Networking features       Gigabit Ethernet, WLAN       Sustainability         Wi-Fi standards       802.11a, 802.11g, Wi-Fi 4 (802.11n)       Sustainability certificates       EPEAT Gold, ENERGY STAR         Ethernet LAN       data rates       10,100,1000 Mbit/s       Width       305 mm         Bluetooth       V       Depth       228.7 mm         Bluetooth version       4.0       Height (front)       2.7 cm         Cabling technology       10/100/1000Base-T(X)       Height (rear)       3.13 cm         Ports & interfaces       Width (imperial)       2.5 cm (12")         USB 2.0 ports quantity*       1       Height (front) (imperial)       2.69 cm (1.06")         USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*       2       Weight (front) (imperial)       3.12 cm (1.23")         UsinglayPorts quantity       1       Height (rear) (imperial)       3.12 cm (1.23")         UsinglayPorts quantity       1       Packaging content         UVI port       X       AC adapter included *       Y	Built-in speaker(s)	✓		×
Built-in microphone         Certificates           Network         Certification         ULE Gold           Wi-Fi         ✓         Sustainability           Networking features         Gigabit Ethernet, WLAN         Sustainability           Wi-Fi standards         802.11a, 802.11g, Wi-Fi 4 (802.11n)         Sustainability certificates         EPEAT Gold, ENERGY STAR           Ethernet LAN         ✓         Weight & dimensions           Ethernet LAN data rates         10,100,1000 Mbit/s         Width         305 mm           Bluetooth         4.0         Depth         228.7 mm           Bluetooth version         4.0         Height (front)         2.7 cm           Cabling technology         10/100/1000Base-T(X)         Height (rear)         3.13 cm           Cabling technology         10/100/1000Base-T(X)         Height (front)         22.9 cm (9")           USB 3.2 Gen 1 (3.1 Gen 1) Type-A         2         Height (front) (imperial)         2.69 cm (1.06")           USB 3.2 Gen 1 (3.1 Gen 1) Type-A         2         Height (rear) (imperial)         2.69 cm (1.06")           USB 3.2 Gen 1 (3.1 Gen 1) Type-A         2         Readynamity         1.66 kg           DisplayPorts quantity         1         A	Number of built-in speakers	2		
Network       Certification       ULE Gold         Wi-Fi       ✓       Sustainability         Networking features       Gigabit Ethernet, WLAN       Sustainability certificates       EPEAT Gold, ENERGY STAR         Wi-Fi standards       802.11a, 802.11g, Wi-Fi 4 (802.11n)       Sustainability certificates       EPEAT Gold, ENERGY STAR         Ethernet LAN       ✓       Weight & dimensions         Ethernet LAN data rates       10,100,1000 Mbit/s       Width       305 mm         Bluetooth       4.0       Depth       228.7 mm         Bluetooth version       4.0       Height (front)       2.7 cm         Cabling technology       10/100/1000Base-T(X)       Height (rear)       3.13 cm         Ports & interfaces       Width (imperial)       22.9 cm (12°)         USB 2.0 ports quantity *       1       Height (front) (imperial)       2.69 cm (1.06")         USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *       2       Height (rear) (imperial)       3.12 cm (1.23")         USB 2.2 Gen 1 (3.1 Gen 1) Type-A ports quantity       1       Height (rear) (imperial)       3.12 cm (1.23")         Ethernet LAN (R]-45) ports       1       Packaging content         DVI port       X       AC adapter included *       ✓	Built-in microphone	✓	5 .	•
Wi-Fi       ✓       Sustainability         Networking features       6igabit Ethernet, WLAN       Sustainability certificates       EPEAT Gold, ENERGY STAR         Wi-Fi standards       802.11a, 802.11g, Wi-Fi 4 (802.11n)       Sustainability certificates       EPEAT Gold, ENERGY STAR         Ethernet LAN       ✓       Weight & dimensions         Ethernet LAN data rates       10,100,1000 Mbit/s       Width       305 mm         Bluetooth       ✓       Depth       228.7 mm         Bluetooth version       4.0       Height (front)       2.7 cm         Cabling technology       10/100/1000Base-T(X)       Height (rear)       3.13 cm         Ports & interfaces         USB 2.0 ports quantity*       1       Height (front) (imperial)       22.9 cm (9")         USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*       2       Height (front) (imperial)       2.69 cm (1.06")         USB 3.2 Gen 1 (8,1 Gen 1) Type-A ports quantity       2       Height (rear) (imperial)       3.12 cm (1.23")         Ethernet LAN (R]-45) ports       1       Ac adapter included *       ✓         VI port       X       AC adapter included *       ✓         VGA (D-Sub) ports quantity       1       Manual       ✓         VGA (D-Sub) ports quantity       1	Network		Certificates	
Networking featuresGigabit Ethernet, WLANSustainabilityWi-Fi standards802.11a, 802.11g, Wi-Fi 4 (802.11n)Sustainability certificatesEPEAT Gold, ENERGY STAREthernet LAN✓Weight & dimensionsEthernet LAN data rates10,100,1000 Mbit/sWidth305 mmBluetooth✓Depth228.7 mmBluetooth version4.0Height (front)2.7 cmCabling technology10/100/1000Base-T(X)Height (rear)3.13 cmPorts & interfacesWidth (imperial)30.5 cm (12")USB 2.0 ports quantity*1Height (front) (imperial)2.69 cm (1.06")USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Height (rear) (imperial)3.12 cm (1.23")Ethernet LAN (RJ-45) ports1Weight *1.66 kgDisplayPorts quantity1Packaging contentDVI portXAC adapter included *✓VGA (D-Sub) ports quantity1Manual✓Headphone outputs1S/PDIF out portXChief features	Wi-Fi		Certification	ULE Gold
Wi-Fi standards  802.11a, 802.11g, Wi-Fi 4 (802.11n)  Ethernet LAN  ✓  Weight & dimensions  Ethernet LAN data rates  10,100,1000 Mbit/s  Midth  Depth  228.7 mm  Bluetooth version  4.0  Cabling technology  10/100/1000Base-T(X)  Height (rear)  Depth (imperial)  Depth (imperial)  22.9 cm (9")  Height (front) (imperial)  22.9 cm (1.06")  USB 2.0 ports quantity *  USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *  Ethernet LAN (RJ-45) ports  1  DisplayPorts quantity  1  VGA (D-Sub) ports quantity  1  Headphone outputs  5  PEAT Gold, ENERGY STAR  Weight & dimensions  Weight (mansions)  Width (mansions)  10,100,1000 Mbit/s  Height (rear)  22.8 7 mm  3.13 cm  Width (imperial)  22.9 cm (9")  Height (front) (imperial)  22.9 cm (9")  Height (rear) (imperial)  3.12 cm (1.23")  Meight *  1.66 kg  1.66 kg  Veight *  V			Sustainability	
Ethernet LANVeight & dimensionsEthernet LAN data rates10,100,1000 Mbit/sWidth305 mmBluetoothVDepth228.7 mmBluetooth version4.0Height (front)2.7 cmCabling technology10/100/1000Base-T(X)Height (rear)3.13 cmWidth (imperial)30.5 cm (12")Depth (imperial)22.9 cm (9")USB 2.0 ports quantity*1Height (front) (imperial)2.69 cm (1.06")USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity*2Height (front) (imperial)3.12 cm (1.23")Ethernet LAN (RJ-45) ports1Weight *1.66 kgDisplayPorts quantity1Packaging contentDVI portXAC adapter included *VVGA (D-Sub) ports quantity1ManualVHeadphone outputs1Other featuresS/PDIF out portXImage: Content of the port	•	,	Sustainability certificates	EPEAT Gold, ENERGY STAR
Bluetooth   Bluetooth version 4.0 Height (front) 2.7 cm  Cabling technology 10/100/1000Base-T(X) Height (rear) 3.13 cm  Ports & interfaces  USB 2.0 ports quantity * 1 USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 2 Ethernet LAN (RJ-45) ports 1 DisplayPorts quantity 1 DVI port	Ethernet LAN		Weight & dimensions	
Bluetooth   Bluetooth version 4.0 Height (front) 2.7 cm  Cabling technology 10/100/1000Base-T(X) Height (rear) 3.13 cm  Ports & interfaces  USB 2.0 ports quantity * 1 USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 2 Ethernet LAN (RJ-45) ports 1 DisplayPorts quantity 1 DVI port		10,100,1000 Mbit/s	•	305 mm
Bluetooth version 4.0 Height (front) 2.7 cm  Cabling technology 10/100/1000Base-T(X) Height (rear) 3.13 cm  Ports & interfaces Width (imperial) 30.5 cm (12")  Depth (imperial) 22.9 cm (9")  Height (front) (imperial) 2.69 cm (1.06")  Height (rear) 30.5 cm (12")  Depth (imperial) 22.9 cm (9")  Height (front) (imperial) 3.12 cm (1.23")  Height (rear) (imperial) 3.12 cm (1.23")  Weight * 1.66 kg  DisplayPorts quantity 1 1  Packaging content  VGA (D-Sub) ports quantity 1  Headphone outputs 1  S/PDIF out port X  Hight (front) (imperial) 4.7  Manual ✓  Weight * 1.66 kg  Weight * ✓				
Cabling technology10/100/1000Base-T(X)Height (rear)3.13 cmPorts & interfacesWidth (imperial)30.5 cm (12")USB 2.0 ports quantity *1Depth (imperial)22.9 cm (9")USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *2Height (front) (imperial)2.69 cm (1.06")Ethernet LAN (RJ-45) ports1Weight *1.66 kgDisplayPorts quantity1Packaging contentDVI portXAC adapter included *✓VGA (D-Sub) ports quantity1Manual✓Headphone outputs1S/PDIF out portXImage: All ports of the ports of			·	
Depth (imperial) USB 2.0 ports quantity * 1 USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 2 Pethernet LAN (RJ-45) ports DisplayPorts quantity  DisplayPorts quantity  The depth (imperial)	Cabling technology			3.13 cm
USB 2.0 ports quantity * 1  USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 2  Ethernet LAN (RJ-45) ports 1  DisplayPorts quantity 1  DVI port	Ports & interfaces		Width (imperial)	30.5 cm (12")
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * 2 Height (rear) (imperial) 3.12 cm (1.06")  Ethernet LAN (RJ-45) ports 1  DisplayPorts quantity 1  DVI port		1		
ports quantity * 2  Ethernet LAN (RJ-45) ports 1  DisplayPorts quantity 1  DVI port				
DisplayPorts quantity  DVI port  VGA (D-Sub) ports quantity  Headphone outputs  S/PDIF out port  LightScribe		2		
DVI port X AC adapter included *  VGA (D-Sub) ports quantity 1 Manual  Headphone outputs 1 S/PDIF out port X Other features	Ethernet LAN (RJ-45) ports	1	Weight *	1.66 kg
VGA (D-Sub) ports quantity  Headphone outputs  S/PDIF out port  LightScribe	DisplayPorts quantity	1	Packaging content	
Headphone outputs 1 S/PDIF out port X  Other features	DVI port	×	AC adapter included *	<b>✓</b>
S/PDIF out port × Other features			Manual	✓
S/PDIF out port X	·	1	Other features	
Microphone in		×		~
	Microphone in	1	Lightscribe	^

Ports & interfaces		Other features	
ExpressCard slot	×	Infrared data port	×
CardBus PCMCIA slot type	×	Graphics card family	Intel
SmartCard slot	×	Power supply type	AC/DC
Keyboard		Ethernet interface type	Gigabit Ethernet
Pointing device	ThinkPad UltraNav		
Numeric keypad *	×		
Windows keys	✓		

