



Lenovo® ThinkPad X220 Tablet



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ThinkPad® X220 Tablet (4298) - November 2011 - I - withdrawn

| Separation Processor Memory Widescreen Separation | | | | | Disk | Optical | ThinkPad | PCle | PCle | Finger | | Bat- Ex | t | Glob | | | |
|---|--|--|---|--|---|---|---|----------------------------|-----------|----------------|--|--|-----------------------------------|-------------|-----------------|--|--|
| 42894-8G 5-220M 4GBx1 12.5° HD <i>Multi</i> 720; 2026 SSD Intel 8205 upg Fing Bule 6 | Type-model Proce | ssor Memory | | Camera | | | | | | | | | | | | | |
| 4289-480 is 5-2200M 46Bx1 12.5° I+ ID Multi 720p 1286 SSD 1016 8205 up 6 Fing Bull 6 VPn G Pro 84 4288-320 is 4200M 46Bx1 12.5° I+ ID Multi 720p 3206 7200 DVD2HW Ultrall Intel 6205 up 6 Fing Bull 6 VPn G Pro 84 4288-320 is 5200M 46Bx1 12.5° I+ ID Author 720p 3206 7200 DVD2HW Ultrall Intel 6205 up 6 Fing Bull 6 VPn G Pro 84 4288-320 is 5200M 46Bx1 12.5° I+ ID Author 720p 3206 7200 Intel 6205 up 6 Fing Bull 6 VPn G Pro 84 4288-320 is 5200M 46Bx1 12.5° I+ ID Author 720p 3206 7200 Intel 6205 up 6 Fing Bull 6 VPn G Pro 84 4288-320 in 7.2820M 46Bx1 12.5° I+ ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4288-320 in 7.2820M 46Bx1 12.5° I- ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4288-320 in 7.2820M 46Bx1 12.5° I- ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4288-320 in 7.2820M 46Bx1 12.5° I- ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4288-320 in 7.2820M 46Bx1 12.5° ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4288-320 in 7.2820M 46Bx1 12.5° ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4289-320 in 7.2820M 46Bx1 12.5° ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4289-320 in 7.2820M 46Bx1 12.5° ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4289-320 in 7.2820M 46Bx1 12.5° ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4289-320 in 7.2820M 46Bx1 12.5° ID Author 720p 3206 7200 Intel 6205 up 7 Fing Bull 6 VPn G Pro 84 4289-320 intel Core Pro 8400 More 8400 | | | | | | | | | 1 0 | | | | | | | | |
| 4289-8426 id-5280M 4GBH 1 25°H D Multin 720°P 3200 7200 DVD-FMW UltraB Intel 6205 upg 428-824 (328-8200 M 4GBH 1 25°H D Outdoor 720°P 3200 7200 mind 620°S upg 428-824 (328-820°M 4GBH 1 25°H D Outdoor 720°M 320°M 320°M 1 mind 620°S upg 428-824 (328-820°M 4GBH 1 25°H D Multin 720°M 1280 8SS) intel 620°S upg 428-826 (328-820°M 4GBH 1 25°H D Multin 720°M 1280 8SS) intel 620°S upg 428-826 (328-820°M 4GBH 1 25°H D Multin 720°M 1280 8SS) intel 620°S upg 428-826 (328-820°M 4GBH 1 25°H D Multin 720°M 1280 85°M 1280 8°M 1280 | | | | | | | | | 1.0 | | | | | | | | |
| 4298-340 7-2820M 4GBH 1 2.5° HD <i>Multi</i> 720p 1280 SSD | | | | | | DVD±RV | / UltraB | | - 1- 3 | | | | | | | | |
| 4298-340 (7-2820M 4GBx 1 2.5° HD <i>Duktor</i> 720p 1286 SSD Intel 6205 upg Fing Bus 6 6 vPro G Pro 6 4298-340 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 2300 7200 Intel 6205 upg Fing Bus 6 6 vPro G Pro 6 4298-340 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6205 upg Fing Bus 6 6 vPro G Pro 6 4298-340 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6205 upg Fing Bus 6 6 vPro G Pro 6 4298-340 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6205 upg Fing Bus 6 6 vPro G Pro 6 4298-340 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 SSD Intel 6207 (7-2820M 4GBx 1 2.5° HD <i>Buktor</i> 720p 1000 | | | | | | DVD±RV | / UltraB | | 10 | | | | | | | | |
| 4289-836 (7-2820M 46Bkt 12.5°H D <i>Mulbi</i> 720p 3200 7200 Intel 6205 upg Fing Blue 6 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4298-956 (5-2520M 46Bkt 12.5°H D <i>Mulbi</i> 720p 1800-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4200-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4200-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4200-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4200-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 4200-850 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue 6 v.Pro G Pro 8 Intel 6205 upg Fing Blue | | | | | | | | | 1 0 | | | | | | | | |
| 4298-560 67-5250M 46Bx1 12.5* HD <i>Dultoor</i> 720p 3200 7200 Intel 6205 upg Fing Blue 6 6 vPn G Pro 54 4298-560 65-5250M 46Bx1 12.5* HD <i>Multi</i> 720p 1500-580 1 https://doi.org/10.0000/10.000000000000000000000000000 | | | | | | | | | 1 0 | | | | | | | | |
| Positioning Processor Microsoft Office 2010 Product Key Ready (OIDPKR) Positioning Processor with standard processor of the | | | | - 1 | | | | | - 1- 3 | | | | | | | | |
| Processor Convertible labor utraporatible: one spinote Processor Convertible labor utraporatible: one spinote Processor Convertible labor utraporatible: one spinote Intel Cores* i5-2520M processor (dual-core, 2.50GHz, 3MB Cache), Intel Cores* i5-2520M processor (dual-core, 2.70GHz, 4MB Cache), Intel Cores* i5-2520M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (dual-core, 2.70GHz, 4MB Cache), DDR3 memory controller (up to 1335MHz), Intel Turbo Boost 2.0 (3.50GHz), HT technology Intel Cores* i5-2640M processor (all turbos) Some: Solid State Drive (SSD) / SATA 3.0GBbs 2.5 vide (Fram Intel Processor Intel Intel Processor Intel Intel Processor | 4298-56G i5-252 | 20M 4GBx1 | | ' | | . ita ala | | Intel 6205 | upg | Fing | Blue | 6 | vPro | G | Pro 64 | | |
| Frocessor Intel® Core™ IS-2520M processor (dual-core, 2-50GHz, 3MB Cache), pp. 10F3 memory controller (up to 133MHz), intel furb Boost 2.0 (3.2/GdHz), HT technology intel Core if 2-540M processor (dual-core, 2-60Hz, 3MB Cache), pp. 10F3 memory controller (up to 133MHz), intel furb Boost 2.0 (3.4/GdHz), HT technology intel Core if 2-540M processor (dual-core, 2-60Hz, 4MB Cache), pp. 10F3 memory controller (up to 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Core if 2-540M processor (dual-core, 2-60Hz, 4MB Cache), pp. 10F3 memory controller (up to 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Core if 2-540M processor (dual-core, 2-60Hz, 4MB Cache), pp. 10F3 memory controller (up to 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Core if 2-57-10600 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Core if 2-57-10600 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Core if 2-57-10600 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Core if 2-57-10600 133MHz), intel furb Boost 2.0 (3.5/GdHz), HT technology intel Boost 2.0 (3.5 | | | | | | | | 3) | | | | | | | | | |
| Semax / PC3-10600 1333MHz DDB3, non-parity, dual-channel capable, two 204-pin SO-Diffus Associated and an accordance of the part of the | | Intel® Core™ DDR3 memo Intel Core i7 DDR3 memo Intel Core i7 | M i5-2520M proces ory controller (up to 7-2620M processo ory controller (up to 7-2640M processo | ssor (du o 1333Ml or (dual- o 1333Ml or (dual- | al-core, 2.50 Hz), Intel Tur core, 2.70Gh Hz), Intel Tur core, 2.80Gh | bo Boost 2 Hz, 4MB C bo Boost 2 Hz, 4MB C | 2.0 (3.200 ache), 2.0 (3.400 ache) , | GHz), HT te GHz), HT te | chnology | Reso | Genuir Profest eady to me list Rescu | ne Windo sional 64 install ed) e and Re | ows® 7 4 applica ecovery | ations | | | |
| Uitrabay Sar | Memory | | | | | | | | | | Fingerprint Software (fingerprint | | | | | | |
| mSAIA** SSD None Widescreen display Widescreen display LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio, 1.2% reflectivity, multiple anti-reflectivity layers, IPS MultiTouch: 12.5" (317.5mm) HD (1366x768) TFT color, anti-glare display with scratch resistant Corning* Gorilla* Glass, LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio, 1.2% reflectivity, multiple anti-reflectivity layers, IPS MultiTouch: 12.5" (317.5mm) HD (1366x768) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, write on screen with standard digitizer pen, pen holder in side base (right), rotate and swive hinge, power, reset, and notation buttons on display bottom HD720p resolution, wider view angle, low light sensitive, fixed focus Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via optional cable); supports dual independent display; Maximum external resolution: 2560x1600 (DisplayPort) & 60Hz; 2048x1536 (VGA)@75Hz; 1920x1200@60Hz (single-link DVI-D via optional cable) Supports Display-Port (supports single-link DVI-D via optional cable) Without UltraBase; 3-cell: 12.0" x 9" x 1.1-1.23"; 305mm x 228.7mm x 27-31.3mm Veight? 3-cell: from 3.67 ib (1.66kg); 6-cell: from 3.97 ib (1.80kg) Some: Similar via | Uİtrabay SATA disk | Supports Ulti Some: Solic Some: Hard All: remo | rabay Sĺim devices I State Drive (SSD I Disk Drive / SATA ovable, upgradable | in option) / SATA 3.0Gb/s , Shock I | al or standar 3.0Gb/s, 2.5 s, 2.5" wide, 7 Mounted Har | d ThinkPad " wide, 7m 7mm high, rd Drive, st | d Ultrabas m high Active Pi | rotection Sy | ystem™ | • | Password Manager (fingerprint models) ThinkVantage Power Manager ThinkVantage Toolbox Lenovo SimpleTap | | | | | | |
| display anti-glare display with scratch resistant Corning® Gorilla® Glass, LED backlight, 300 nits, 16:9 aspect ratio, 50:01 contrast ratio, 1.2% reflectivity, multiple anti-reflectivity layers, IPS MultiTouch: 12.5° (317.5mm) HD (1366x768) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 50:01 contrast ratio, IPS, All: WideView (170° viewing), anti-reflective and anti-glare protective coatings, with an accreen supports pen & five-finery gesture All: Order of the protective coatings with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, Maximum external resolution of the protective coatings, with a contrast ratio, IPS, All: Order of the protective coatings, with a contrast ratio, IPS, Maximum external resolution of the protective coatings, with a | | | IO EII (047 E) I | ID (4000 | 700\ TET - | -1 | | | | | | TM Intorn | ot Coo | ıritı O | 011 | | |
| Intel HD Graphics 3000 in processor, external analog monitor support via VGA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via optional cable); supports dual independent display; Maximum external resolution: 2560x 1600 (DisplayPort) @ 60Hz; 2048x1536 (VGA) @ 75Hz; 1920x1200 @ 60Hz (single-link DVI-D via optional cable) Keyboard TrackPoint* | display | anti-glàre display with scratch resistant Corning® Gorilla® Glass, LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio, 1.2% reflectivity, multiple anti-reflectivity layers, IPS MultiTouch:12.5" (317.5mm) HD (1366x768) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio, IPS, MultiTouch screen supports pen & five-finger gesture All: WideView (170° viewing), anti-reflective and anti-glare protective coatings, write on screen with standard digitizer pen, pen holder in side base (right), | | | | | | | | | Skype ^{↑M} for Windows Microsoft Office 2010 preloaded; purchase product key to activate Corel® WinDVD® (DVD±RW) Corel Burn.Now™ Lenovo Edition | | | | | | |
| external analog monitor support via VigA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via optional cable); supports dual independent display; Maximum external resolution: 2560x1600 (DisplayPort) 60Hz; 2048x1536 (VGA) @ 75Hz; 1920x1200 @ 60Hz (single-link DVI-D via optional cable) Keyboard 7 row, 89-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint* TrackPoint* opinting device, "Press-to-Select," Internet Scroll Bar¹3, magnifying glass UltraNav™, buttonless touchpad below keyboard, multi-touch None Dimensions³ without UltraBase; 3-cell: 12.0" x 9" x 1.1-1.23"; 305mm x 228.7mm x 27-31.3mm 3-cell r from 3.67 lb (1.66kg); 6-cell: from 3.97 lb (1.80kg) Display cover: Magnesium + PCABS; Bottom: Magnesium alloy Lithium ion 3-cell or 6-cell, supports optional external battery as 2nd battery external battery of CPABS; Bottom: Magnesium alloy Settlemed Battery - life¹ 3-cell (30Whr): up to 4.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 3.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 3.8 hr; external battery (44Whr): up to 9.0 hr; 6-cell (66Whr): up to 4.0 hr; 6-cell (66Whr): up to 5.0 hr; 6-cell (66Whr): up to 4.0 hr; 6-cell (66Whr): up to 17.8 hr Chipset Mobile Intel QM67 Express Chipset Ultrabase Multicard Reader ExpressCard WLAN' WWAN Wireless WAN upgradable None None Bluetooth 3- | | | · · · · · · · · · · · · · · · · · · · | | w light sensi | tive, fixed | focus | | | | | | | | | | |
| TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass Touchpad ThinkLight™ None Dimensions³ wilhout UltraBase; 3-cell: 12.0" x 9" x 1.1-1.23"; 305mm x 228.7mm x 27-31.3mm Acase material Battery - type Extended Battery Battery - life¹° Some: Slim external Lithium lon 3-cell battery (54Whr): up to 9.0 hr; external battery (64Whr): up to 9.0 hr; external battery as 2nd battery Some: Slim external battery as 2nd battery Easily connects to the bottom of the external battery (74 br) external battery (74 br) external battery as 2nd battery Easily connects to the bottom of the external battery (74 br) external battery as 2nd battery Easily connects to the bottom of the external battery (74 br) external battery as 2nd battery Easily connects to the bottom of the external battery as 2nd battery: up to 17.8 hr Easily connects to the bottom of the external battery as 2nd battery: up to 17.8 hr Easily connects to the bottom of the external battery as 2nd batt | external analog monitor support via VGA DB-15 connector and digital monitor support via DisplayPort (supports single-link DVI-D via optional cable); supports dual independent display; Maximum external resolution: 2560x1600 (DisplayPort)@60Hz; | | | | | | | | | | | | | | | | |
| Windut Ultrabase; 3-cell: from 3.67 lb (1.66kg); 6-cell: from 3.97 lb (1.80kg) Case material Battery - type Battery - life¹o Some: Slim external Lithium lon 3-cell battery; 19th of the state of Battery - life¹o Some: Slim external Lithium lon 6-cell battery (ThinkPad Battery 19th) 3-cell (30Whr): up to 4.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (64Whr): up to 9.0 hr; 6-cell plus external battery: up to 17.8 hr Chipset Mobile Intel QM67 Express Chipset Ultrabase Some: ThinkPad Ultrabase Series 3 (see right side) Multicard Reader ExpressCard Ports Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) WLAN⁴ WLAN⁴ Wireless WAN upgradable None Bluetooth™ Cherrical Active Management Technology (iAMT) Audio support High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array microphone, crombo audio/mic jack Security Power-on password, hard disk password, supervisor password, security keyhole Frusted Platform Module, TCG 1.2-compliant Fingerprint reader Fingerpri | TrackPoint® Touchpad | TrackPoint po UltraNav™, b | ointing device, "Pro | ess-to-Se | elect," Intern | et Scroll B | Fn keys ar ¹³ , mag | nifying glas | ss | 0 | | | | | | | |
| Case material Battery - type Extended Battery Battery - life¹¹⁰ Come: Slime external Lithium lon 3-cell or 6-cell, supports optional external battery as 2nd battery y a 3-cell (30Whr); up to 4.0 hr; 6-cell (66Whr): up to 8.8 hr; external battery (64Whr): up to 4.0 hr; 6-cell plus external battery: up to 17.8 hr Chipset Mobile Intel QM67 Express Chipset Ultrabase Multicard Reader ExpressCard One slot (ExpressCard/34, ExpressCard/34) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) WWAN Carrier WLAN¹ Wireless WAN upgradable None Bluetooth ¹™ Audio support High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array microphone, combo audio/mic jack Security Security chip Fingerprint reader Fingerprint reader (right base of display), used in tablet/notebook mode, LED indicator, Power On Authentication, supports the security chip | | | | | | | 8.7mm x | 27-31.3mn | า | Sı | • • | | | | Ŭ | | |
| Ultrabase Some: ThinkPad Ultrabase Series 3 (see right side) Multicard Reader ExpressCard Ports | Case material Battery - type Extended Battery | Display cove Lithium Ion 3 Some: Slim 3-cell (30Wh | er: Magnesium + B-cell or 6-cell, sup external Lithium long: up to 4.0 hr; | PCABS; ports opt on 6-cell <i>6-cell (66</i> | Bottom. tional externa battery (Thir SWhr): up to 8 | Magnes al battery a kPad Batt 3.8 hr; | as 2nd bá ery 19+) | ttery | | • | Provides desktop expansion and cable management for X220 and X220 Tablet Easily connects to the bottom of the | | | | | | |
| Multicard Reader ExpressCard Ports Cone slot (ExpressCard/34, ExpressCard/54) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) PCLe Mini Card WLAN⁴ WLAN⁴ Wireless WAN upgradable None Bluetooth™ Bluetooth™ Bluetooth™ Bluetooth™ Intel ACtive Management Technology (iAMT) Audio support High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array microphone, combo audio/mic jack Power-on password, hard disk password, supports in tablet/notebook mode, LED indicator, Power On Authentication, supports the security chip Multicard Reader 4-in-1 reader (SD, SDHC, SDXC, MMC) One slot (ExpressCard/34, ExpressCard/54) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) Power button (front) Security key lock, security keyhole Analog VGA DB-15 monitor port DisplayPort (supports single-link DVI-D via optional cable) Four USB 2.0 ports Gigabit ethernet (RJ-45) port Microphone in and headphone out Requires 65W or 90W AC adapter 1.39 lb; 630g 65-watt AC Adapter ENERGY STAR® 5.0-compliant ROHS-compliant International Warranty Service¹ Z4 hour x 7 day¹¹8 toll-free support | Chipset | Mobile Intel | QM67 Express C | hipset | | | | | | • | Conver | ts Think | Pad to a | a two- | spindle | | |
| WLAN ⁴ 11a/b/g/n, PCIe Half Mini Card, Intel Centrino® Advanced-N 6205, 2x2 WWAN Wireless WAN upgradable Carrier None Modem None Bluetooth™ Bluetooth™ Bluetooth 3.0 wireless, LED indicator Ethernet Intel ACT Intel Active Management Technology (iAMT) Audio support High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array microphone, combo audio/mic jack Security Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Fingerprint reader UPEK Fingerprint reader (right base of display), used in tablet/notebook mode, LED indicator, Power On Authentication, supports the security chip Analog VGÁ DB-15 monitor port DisplayOrt (supports single-link DVI-D via optional cable) Four USB 2.0 ports Gigabit ethernet (RJ-45) port Microphone in and headphone out Requires 65W or 90W AC adapter 1.39 lb; 630g 65-watt AC Adapter ENERGY STAR® 5.0-compliant ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support | Multicard Reader ExpressCard | 4-in-1 reader One slot (Ex | r (SD, SDHC, SDX pressCard/34, Exp | C, MMC pressCar |) d/54) | | DisplayPe | ort), ethern | et (RJ-45 |) Ot | accessories in right side Other features: • Power button (front) | | | | | | |
| volume up, down, mute buttons / dual array microphone, combo audio/mic jack Security Security chip Fingerprint reader Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Fingerprint reader UPEK Fingerprint reader (right base of display), used in tablet/notebook mode, LED indicator, Power On Authentication, supports the security chip 465-watt AC Adapter ENERGY STAR® 5.0-compliant ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support | WLAN⁴ WWAN Carrier Modem Bluetooth™ Ethernet Intel AMT | 11a/b/g/n, Po Wireless WA None None Bluetooth 3.0 Intel 82579L Intel Active N High Definition | Cle Half Mini Card N upgradable O wireless, LED ind M Gigabit Network Management Techron (HD) Audio, Co | dicator Connection | etion (Lewisvi AMT) 0672 codec / | lle), PHY, | PCle x1 eakers, 1 | | | • | Analog VGÁ DB-15 monitor port DisplayPort (supports single-link DVI-D via optional cable) Four USB 2.0 ports Gigabit ethernet (RJ-45) port Microphone in and headphone out Requires 65W or 90W AC adapter | | | | | | |
| | Security Security chip | volume up, d Power-on pa Trusted Platf UPEK Finge | lown, mute buttons ssword, hard disk form Module, TCG rprint reader (right | s / dual a passwor 1.2-com base of | rray micropho d, superviso pliant display), use | ne, combo password d in tablet | audio/m l, security notebook | ic jack keyhole | | Et Ro In | NERGY OHS-co ternatio | ′ STAR [®] mpliant onal War | 5.0-cor | · ervice |) ¹⁷ | | |
| | Limited warranty ¹² | | • | | | | | <u> </u> | | | | | | | JUI 1 | | |

ThinkPad® X220 Tablet (4298) - November 2011 - II - withdrawn

| Type-model Proces | Widescreen sor Memory display Camera G | Disk Optical ThinkPad SATA in Ultrabase N B ⁸ rpm UltraBase Series 3 | PCIe PCIe Mini Card Mini Card WLAN WWAN | Bat- Ext Global tery Battery Intel (G) Pre- Carrier cells cells vPro GMP (P)load | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| 4298-2YG i7-262 4298-2XG i5-252 4298-26G i7-262 | 0M 2GBx2 12.5" HD Outdoor 720p 32i 0M 2GBx2 12.5" HD Multi 720p 32i 0M 2GBx1 12.5" HD Multi 720p 25i 0M 2GBx2 12.5" HD Multi 32i 0M 2GBx1 12.5" HD Outdoor 32i | OG 7200 Optional Opt Into OG 7200 Optional Opt Into OG 5400 Optional Opt Into OG 7200 Optional Opt Into OG 7200 Optional Opt Into OG 7200 Optional Opt Into | el 6205 WWAN upg el 6205 WWAN upg el 6300 ²⁸ WWAN upg | selectable 6 vPro Pro 64 6 6 vPro Pro 64 6 vPro Pro 64 6 vPro Pro 64 6 vPro G Pro 64 6 vPro G Pro 64 6 vPro G Pro 64 | | | | | | |
| | A depot repair service Microsoft® Office 2010 | 3-year limited warranty Product Key Ready (O10PKR | ") | | | | | | | |
| Positioning Processor | Preloaded operating system ²⁰ - Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only some listed) | | | | | | | | | |
| Memory | BGB max ⁷ / PC3-10600 1333MHz DDR3, n dual-channel capable, two 204-pin SO-DIM | | | Rescue and Recovery™ Access Connections™ | | | | | | |
| Optical Ultrabay SATA disk | Option for ThinkPad Ultrabase Series 3 Supports Ultrabay Slim devices in optional or Some: Solid State Drive (SSD) / SATA 3.00 Some: Hard Disk Drive / SATA 3.0Gb/s, 2.9 All: removable, upgradable, Shock Mou in optional or standard ThinkPad Ult | tection System™ | Fingerprint Software (fingerprint models) Password Manager (fingerprint models) ThinkVantage Power Manager ThinkVantage Toolbox | | | | | | | |
| mSATA™ SSD | None | | | Lenovo SimpleTap Prolocaded applications 14 (apply some | | | | | | |
| Widescreen display | Outdoor: 12.5" (317.5mm) HD (1366x76 anti-glare display with scratch ruleD backlight, 300 nits, 16:9 as 1.2% reflectivity, multiple anti-reflectivity. 12.5" (317.5mm) HD (1366x76 300 nits, 16:9 aspect ratio, 500: MultiTouch screen supports per WideView (170° viewing), anti-reflection. | o, backlight, coatings, | Preloaded applications¹⁴ (only some listed) • Norton™ Internet Security 2011 (30 days of virus definitions) • Skype™ for Windows • Microsoft Office 2010 preloaded; purchase product key to activate • Corel® WinDVD® (DVD±RW) | | | | | | | |
| Camera | write on screen with standard dig rotate and swivel hinge, power, re Some: HD720p resolution, wider view angl | isplay bottom | Corel Burn.Now™ Lenovo Edition (DVD±RW) | | | | | | | |
| Graphics | Intel HD Graphics 3000 in processor, external analog monitor support via VGA Digital monitor support via DisplayPort (supsupports dual independent display; Maximum external resolution: 2560x1600 (2048x1536 (VGA)@75Hz; 1920x1200@60) | | | | | | | | | |
| Keyboard TrackPoint® Touchpad ThinkLight™ | 7 row, 89-key, ThinkVantage button, spill-re: TrackPoint pointing device, "Press-to-Selec: UltraNav™, buttonless touchpad below keyt None | ," Internet Scroll Bar ¹³ , magni | ifying glass | | | | | | | |
| Dimensions ³ Weight ² | <i>without UltraBase; 3-cell:</i> 12.0" x 9" x 1.1- <i>3-cell:</i> from 3.67 lb (1.66kg); <i>6-cell:</i> fro | 1.23"; 305mm x 228.7mm x 2 m 3.97 lb (1.80kg) | 7-31.3mm | | | | | | | |
| Case material Battery - type | Display cover: Magnesium + PCABS; Lithium Ion 3-cell or 6-cell, supports options | Bottom: Magnesium alloy | orv. | Supports ThinkVantage® technologies | | | | | | |
| Extended Battery Battery - life ¹⁰ | Some: Slim external Lithium Ion 6-cell batt 3-cell (30Whr): up to 4.0 hr; 6-cell (66Wh | .ory | ThinkPad Ultrabase Series 3 | | | | | | | |
| Dattery - life | | cell plus external battery: up t | to 17.8 hr | Provides desktop expansion and cable management for X220 and | | | | | | |
| Chipset | Mobile Intel QM67 Express Chipset | alah adalah | | X220 Tablet • Easily connects to the bottom of the | | | | | | |
| Ultrabase Multicard Reader ExpressCard Ports | Option: ThinkPad Ultrabase Series 3 (see right side) 4-in-1 reader (SD, SDHC, SDXC, MMC) One slot (ExpressCard/34, ExpressCard/54) Three USB 2.0 (one powered), external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45) - Easily Connects to the obttom of the X220 or X220 Tablet for traveling Converts ThinkPad to a two-spind system with optional Ultrabayy Slir accessories in right side | | | | | | | | | |
| PCIe Mini Card WLAN ⁴ | Two PCI Express Mini Card slots Some: 11a/b/g/n, PCIe Half Mini Card, Inte | | | Other features: | | | | | | |
| WWAN | Some: 11a/b/g/n, PCIe Half Mini Card, Inte Some: Wireless WAN upgradable Some: Wireless WAN, Ericsson® F5521gw GPRS/WCDMA/HSPA/HSPA+, GP\$ | Power button (front) Security key lock, security keyhole Analog VGA DB-15 monitor port DisplayPort (supports single-link) | | | | | | | | |
| Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support | Some: User selectable, contract required v None Bluetooth 3.0 wireless, LED indicator Intel 82579LM Gigabit Network Connection Intel Active Management Technology (iAMT High Definition (HD) Audio, Conexant 2067: | vith service provider (Lewisville), PHY, PCIe x1) 2 codec / stereo speakers, 1 v | DVI-D via optional cable) Four USB 2.0 ports Gigabit ethernet (RJ-45) port Microphone in and headphone out Requires 65W or 90W AC adapter 1.39 lb; 630g | | | | | | | |
| Security Security chip Fingerprint reader | volume up, down, mute buttons / dual array microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant UPEK Fingerprint reader (right base of display), used in tablet/notebook mode, LED indicator, Power On Authentication, supports the security chip 65-watt AC Adapter ENERGY STAR® 5.0-compliant ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support | | | | | | | | | |
| | 3-years/1-yr battery - depot repair service / | service upgrades ²² available | | during the warranty period ¹² | | | | | | |

ThinkPad® X220 Tablet (4299) - Onsite (November 2011) - I - withdrawn

| | Widenson | Disk Optical | ThinkPad PCle | PCle | Finger Bat- Ext Global | | | | | | | | |
|---|--|---|---|---|--|--|--|--|--|--|--|--|--|
| Type-model Proces | Widescreen sor Memory display | SATA in GB ⁸ rpm UltraBase | | Mini Card WWAN Ca | print tery Battery Intel (G) Pre- rrier reader cells cells vProGMP (P) load | | | | | | | | |
| 4299-32G i7-262 4299-2ZG i7-262 4299-2SG i7-262 4299-2RG i7-262 4299-2QG i5-252 4299-2PG i5-252 4299-2BG i7-262 | 0M 4GBx1 12.5" HD Outdoor 0M 4GBx1 12.5" HD Multi 0M 4GBx1 12.5" HD Outdoor 0M 4GBx1 12.5" HD Outdoor 0M 4GBx1 12.5" HD Multi 0M 2GBx2 12.5" HD Outdoor 0M 2GBx2 12.5" HD Outdoor | 320G 7200 DVD±RW 128G SSD 128G SSD 320G 7200 320G 7200 320G 7200 160G SSD 160G SSD | UltraB Intel 6205 ²⁸ UltraB Intel 6205 | upg upg upg upg upg upg ericsson se ericsson se ericsson se upg | lect Fing 6 vPro Pro 64 | | | | | | | | |
| Positioning | Convertible tablet ultraportable; | | 11101 0200 | <u>иру</u> | Preloaded operating system ²⁰ | | | | | | | | |
| Memory Optical Ultrabay SATA disk | Intel® Core™ i5-2520M process DDR3 memory controller (up to Intel Core i7-2620M processor DDR3 memory controller (up to DDR3 memory) SGME: DVD burner, removable for Supports Ultrabay Slim devices in Some: Solid State Drive (SSD) | or (dual-core, 2.50GHz 1333MHz), Intel Turbo B (dual-core, 2.70GHz, 4 1333MHz), Intel Turbo B 2 DDR3, non-parity, in SO-DIMM sockets rom ThinkPad Ultrabase optional or standard Thi | oost 2.0 (3.20GHz), HTMB Cache), oost 2.0 (3.40GHz), HTMB Cache), HTMB | Γ technology | - Genuine Windows 7 Professional 64 Ready to install applications¹⁴ (only some listed) • Rescue and Recovery™ • Access Connections™ • Fingerprint Software (fingerprint models) • Password Manager (fingerprint | | | | | | | | |
| | Some: Hard Disk Drive / SATA 3 removable, upgradable, \$ | 3.0Gb/s, 2.5" wide, 7mm Shock Mounted Hard Dr | high, Active Protection ive, supports the secon | n System™ nd disk | models) ThinkVantage Power Manager | | | | | | | | |
| Widescreen display | in optional or standard The Outdoor: 12.5" (317.5mm) HD anti-glare display with LED backlight, 300 n 1.2% reflectivity, multimuch: 12.5" (317.5mm) HD 300 nits, 16:9 aspect MultiTouch screen sum All: WideView (170° viewing write on screen with standard The Outdoor Standard The Outfoor Standard The Outfoor Standard The Outfoor Standard The Out | ThinkVantage Toolbox Lenovo SimpleTap Preloaded applications¹⁴ (only some listed) Norton™ Internet Security 2011 (30 days of virus definitions) Skype™ for Windows Microsoft Office 2010 preloaded; purchase product key to activate Corel® WinDVD® (DVD±RW) | | | | | | | | | | | |
| Camera | rotate and swivel hinge HD720p resolution, wider view a | . power, reset, and rotat | ion buttons on display | | Corel Burn.Now™ Lenovo Edition (DVD±RW) | | | | | | | | |
| Graphics | Intel HD Graphics 3000 in proce external analog monitor support digital monitor support via Displa supports dual independent displa Maximum external resolution: 28 2048x1536 (VGA)@75Hz; 1920x | | | | | | | | | | | | |
| Keyboard TrackPoint® Touchpad ThinkLight™ | 7 row, 89-key, ThinkVantage butt TrackPoint pointing device, "Pres UltraNav™, buttonless touchpad None | | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Extended Battery Battery - life ¹⁰ | without UltraBase; 3-cell: 12.0" 3-cell: from 3.67 lb (1.66kg); Display cover: Magnesium + PC Lithium Ion 3-cell or 6-cell, supposome: Slim external Lithium Ion 3-cell (30Whr): up to 4.0 hr; 6-external battery (64Whr): up to 9 | Supports ThinkVantage® technologies ThinkPad Ultrabase Series 3 • Provides desktop expansion and | | | | | | | | | | | |
| Chipset | Mobile Intel QM67 Express Ch | • | | | cable management for X220 and X220 Tablet | | | | | | | | |
| ExpressCard Ports | Some: ThinkPad Ultrabase Seri 4-in-1 reader (SD, SDHC, SDXC One slot (ExpressCard/34, Expre Three USB 2.0 (one powered), e | , MMC) essCard/54) xternal monitor (VGA DI | B-15, DisplayPort), eth | ernet (RJ-45) | Easily connects to the bottom of the X220 or X220 Tablet for traveling Converts ThinkPad to a two-spindle system with optional Ultrabay Slim | | | | | | | | |
| PCIe Mini Card WLAN ⁴ WWAN | Two PCI Express Mini Card slots 11a/b/g/n, PCIe Half Mini Card, I Some: Wireless WAN upgradab Some: Wireless WAN, Ericsson ⁶ GPRS/WCDMA/HSPA/H | accessories in right side Other features: Power button (front) Security key lock, security keyhole | | | | | | | | | | | |
| Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip | Some: User selectable, contract required with service provider None Bluetooth 3.0 wireless, LED indicator Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCle x1 Intel Active Management Technology (iAMT) High Definition (HD) Audio, Conexant 20672 codec / stereo speakers, 1 watt x 2 / volume up, down, mute buttons / dual array microphone, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Analog VGÅ DB-15 monitor port DisplayPort (supports single-link DVI-D via optional cable) Four USB 2.0 ports Gigabit ethernet (RJ-45) port Microphone in and headphone of Requires 65W or 90W AC adapte 1.39 lb; 630g 65-watt AC Adapter | | | | | | | | | | | | |
| | UPEK Fingerprint reader (right base of display), used in tablet/notebook mode, LED indicator, Power On Authentication, supports the security chip 3-years/1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding public and national holidays. Calls received after 3 pm will require an additional next business day for service dispatch / service upgrades available | | | | | | | | | | | | |
| See footnotes for more detailed information © Lenovo | | | | | | | | | | | | | |

ThinkPad® X220 Tablet (4299) - Onsite (November 2011) - II - withdrawn

| Type-model Proce | ssor Memory | Widescreen display | Camera | Disk SATA GB ⁸ rpm | Optical in UltraBase | | Mini Card | PCIe Mini C WWA | ard tery | Ext Battery Intel cells vPro | Global (G) GMP (P | Pre- | | | | |
|--|---|---|---|---|---|--|--|------------------------|--|---|-------------------------|------------------|--|--|--|--|
| 4299-4TG i7-264 | | 12.5" HD <i>Multi</i> | | 128G SSD | Optional | | Intel 6205 ²⁸ | WWAN | | vPro | GΡ | Pro 64 | | | | |
| | | 12.5" HD Outdoor | | 128G SSD | Optional | • | Intel 6205 | WWAN | | vPro | GP | Pro 64 | | | | |
| 4299-4BG i5-252 | | | | 128G SSD | Optional | | Intel 6205 | WWAN | | vPro | GΡ | | | | | |
| 4299-29G i7-262 | | | - 1- | 320G 7200 | Optional | • | Intel 6205 | WWAN | | vPro | | Pro 64 | | | | |
| 4299-28G i5-252 | | | | 250G 5400 | Optional | - ' | Intel 6205 | WWAN | | vPro | C D | Pro 64 | | | | |
| 4299-26G i7-262 | | 12.5" HD <i>Outdoor</i> | | 320G 7200 320G 7200 | Optional Optional | | Intel 6300 ²⁸ Intel 6205 | WWAN WWAN | 1 0 | 6 vPro vPro | G P G P | Pro 64 Pro 64 | | | | |
| 4200 27 G 10 202 | | | | | | | | | 1.3 | | a i | 1 10 04 | | | | |
| | | nodels are part of the oft® Office 2010 Prode | | | | vith limit | ed onsite ser | vice ²⁴ 3-y | ear limited | d warranty | | | | | | |
| Positioning Processor | Intel® Core DDR3 mem Intel Core i DDR3 mem Intel Core i | tablet ultraportable; of i5-2520M process ory controller (up to 7-2620M processor ory controller (up to 7-2640M processor ory controller (up to 7-2640M processor ory controller (up to 1-2640M processor or 0-2640M proces | or (dual- 1333MHz (dual-co 1333MHz (dual-co | core, 2.50G), Intel Turbo re, 2.70GHz), Intel Turbo re, 2.80GHz | Boost 2.0 2, 4MB Cac 3 Boost 2.0 2, 4MB Cac |) (3.20Gl c he) ,) (3.40Gl c he) , | Hz), HT techr | nology | Genuir Profes Ready to some list Rescu | e and Recove | 7 ications ery™ | | | | | |
| Memory | 8GB max ⁷ / | PC3-10600 1333MH el capable, two 204-p | z DDR3, | non-parity, |) D003t 2.t | 7 (3.3001 | 12), 111 tecili | lology | Access Connections™ Fingerprint Software (fingerprint models) | | | | | | | |
| Optical | | hinkPad Ultrabase S | | 000.1010 | | | | | Password Manager (fingerprint) | | | | | | | |
| Ultrabay | | trabay Slim devices in | | or standard | ThinkPad | Ultrabase | e Series 3 | | models) | | | | | | | |
| SATA dísk | Some: Soli Some: Har All: rem | d State Drive (SSD) / d Disk Drive / SATA 3 ovable, upgradable, \$ ptional or standard Th | / SATA 3. 3.0Gb/s, 2 Shock Mo | 0Gb/s, 2.5" v 2.5" wide, 7n ounted Hard | wide, 7mm nm high, A Drive, sup | high ctive Pro | tection Syste | | ThinkVantage Power Manager ThinkVantage Toolbox Lenovo SimpleTap | | | | | | | |
| mSATA™ SSD | None | plional of Standard 11 | iliki au c | miabase se | 1163 0 | | | | listed) | ed applicatio | ns" (on | iy some | | | | |
| Widescreen display | Outdoor: 12.5" (317.5mm) HD (1366x768) TFT color, anti-glare display with scratch resistant Corning® Gorilla® Glass, LED backlight, 300 nits, 16:9 aspect ratio, 500:1 contrast ratio, 1.2% reflectivity, multiple anti-reflectivity layers, IPS | | | | | | | | | Norton™ Internet Security 2011 (30 days of virus definitions) Skype™ for Windows Microsoft Office 2010 preloaded; | | | | | | |
| | | 12.5" (317.5mm) HD 300 nits, 16:9 aspect MultiTouch screen su | ratio, 50 | 0:1 contrast | ratio, IPS, | | backlight, | | Corel[®] | ase product ke WinDVD® (D' Burn.Now™ L | VD±RW) |) | | | | |
| | All: Wid | eView (170° viewing e on screen with sta |), anti-ref andard d | lective and a igitizer pen | anti-glare p , pen hold | rotective er in side | base (right), | | (DVD± | | | | | | | |
| Camera | | ite and swivel hinge 720p resolution, wide | | | | | | 1 | | | | | | | | |
| Graphics | external and digital monitoring supports du <i>Maximum e</i> | raphics 3000 in proce alog monitor support tor support via Displa all independent displa axternal resolution: 25 (VGA)@75Hz; 1920 | via VGA lyPort (su ay; 560x1600 | ipports singl (DisplayPo | e-link DVI- rt) @ 60Hz; | · | | | | | | | | | | |
| Keyboard TrackPoint® Touchpad ThinkLight™ | 2048x1536 (VGA)@75Hz; 1920x1200@60Hz (single-link DVI-D via optional cable) 7 row, 89-key, ThinkVantage button, spill-resistant, multimedia Fn keys TrackPoint pointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass UltraNav™, buttonless touchpad below keyboard, multi-touch None | | | | | | | | | | | | | | | |
| Dimensions ³ Weight ² Case material Battery - type Extended Battery Battery - life ¹⁰ | 3-cell: from Display cov Lithium Ion Some: Slin 3-cell (30W | aBase; 3-cell: 12.0" 13.67 lb (1.66kg); er: Magnesium + PC 3-cell or 6-cell, suppon 1 external Lithium Ion 1 hr): up to 4.0 hr; 6- 1 ettery (64Whr): up to 9 | 6-cell: for CABS; orts option 6-cell backers. | rom 3.97 lb (<i>Bottom:</i> nal external attery (Thinkl | (1.80kg) Magnesiu battery as Pad Batter 8 hr; | ım alloy 2nd batt y 19+) | ery | | Thin • Provide | s ThinkVantag kPad Ultraba es desktop ex management | se Serion | es 3 and | | | | |
| Chipset | Mobile Inte | I QM67 Express Ch | ipset | | | | | | • Easily | connects to the | | | | | | |
| Ultrabase Multicard Reader ExpressCard Ports | 4-in-1 reade One slot (Ex | nkPad Ultrabase Seri er (SD, SDHC, SDXC xpressCard/34, Expre 2.0 (one powered), e | , MMC) essCard/ | 54) | DB-15, D | isplayPor | rt), ethernet (| RJ-45) | Conversion system access | or X220 Table rts ThinkPad to with optiona sories in right | to a two- I Ultraba | spindle | | | | |
| PCIe Mini Card WLAN ⁴ | Some: 11a | press Mini Card slots /b/g/n, PCIe Half Min /b/g/n, PCIe Half Min | i Card, In | | | | | | Securit | button (front) ty key lock, se | | | | | | |
| WWAN Modem Bluetooth™ | Wireless WAN upgradable None Bluetooth 3.0 wireless, LED indicator | | | | | | | | | Analog VGA DB-15 monitor port DisplayPort (supports single-link DVI-D via optional cable) | | | | | | |
| Ethernet | Intel 82579LM Gigabit Network Connection (Lewisville), PHY, PCIe x1 | | | | | | | | | ISB 2.0 ports | I 4E\ ~ | · + | | | | |
| Intel AMT | Intel Active | Management Techno | logy (iAN | 1T)` | ,. | | | | | t ethernet (RJ hone in and h | | | | | | |
| Audio support Security | volume up, | ion (HD) Audio, Cone down, mute buttons / assword, hard disk pa | dual arra | y microphone | e, combo a | audio/mic | ; jack | | | es 65W or 90 | | | | | | |
| Security chip | Trusted Plat r UPEK Finge | form Module, TCG 1, erprint reader (right b or, Power On Authen | .2-compli ase of di | ant splay), used | in tablet/n | otebook i | - | | 65-watt AC Adapter ENERGY STAR® 5.0-compliant ROHS-compliant | | | | | | | |
| Limited warranty ¹² | ² 3-years /1-y public and r | ear battery, limited o national holidays. Call ice dispatch / service | nsite se s receive | rvice ²⁴ , 8 am d after 3 pm | n - 5 pm, N | 1on - Fri | | | Internation 24 hour 3 | ompliant onal Warranty x 7 day ¹⁸ toll-f the warranty | ree supp | ort | | | | |
| | | | | | | | | | | | | | | | | |