

Display (LCD) replacement for defective pixels - ThinkPad

▼ Applicable countries and regions

criteria table. where the number of defective pixels is equal to or greater than the number listed in the criteria table, the LCD will be deemed faulty and will be replaced if within the warranty period if requested.


**LCD defective pixel criteria**

Minimum quantity of defective pixels required for LCD replacement

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LCD resolution	Screen size	ThinkPad systems	Bright dots	Dark dots	Bright and dark dots
SVGA 800 x 600 resolution	12.1inch	390E, 570 A20m, A21e, A21m, A22m X20, X21 i Series 1200, 1300, 1400, 1500, 1800	5	5	9
	10.4inch	s30, s31	5	5	9
XGA 1024 x 768 resolution	12.1inch	X20, X21, X22, X23, X24, X30, X31, X32 X40, X41, X41 Tablet, X60, X60s i Series 1600			
	13.3inch	390E, 570, 600X R30, R31, R32 T20, T21, T22, T23 i Series 1200, 1300, 1400			
	14.1inch	A20m, A21m, A22m, A30, A31 G40, G41 R30, R31, R32, R40, R40e R50, R50e, R51, R51e, R52 R60, R60e T20, T21, T22, T23, T30 T40, T41, T42, T42p, T43, T43p, T60, T60p i Series 1400, 1500, 1800 390E, 390X	8	8	9

	15inch	A20m, A21e, A21m, A22m, A30, A31 G40, G41 R50, R50e, R51, R51e, R52 R60, R60e T43, T43p i Series 1400, 1500, 1800 390X			
SXGA+ 1400 x 1050 resolution	14.1inch	R50p, R60, R60e T21, T22, T23, T30, T40, T40p, T41, T41p, T42, T42p, T43, T43p T60, T60p	11	13	16
	15inch	A20p, A22m, A30, A31 G40, G41 R40, R50, R50e, R51, R51e, R52 R60, R60e			
UXGA 1600 x 1200 resolution	15inch	A21p, A22p A30p, A31p, R50p, R51 T42, T42p, T43, T43p, T60, T60p	11	16	16
QXGA 2048 x 1536 resolution	15inch	R51	11	16	16
WXGA 1280 × 768 resolution	14.1inch	Z60t, Z61t	8	8	9
WXGA 1280 × 800 resolution	15.4inch	Z60m, Z61e, Z61m	8	8	9
WXGA+ 1440 x 900	14.1inch	Z61t	11	13	16
WSXGA+ 1680 × 1050 resolution	15.4inch	Z60m, Z61e, Z61m	11	13	16

**Notes:**

- Lenovo will not provide replacement if the LCD is within specification as we can not guarantee that any replacement LCD will have zero pixel defects.
- A bright dot means a pixel is always on (white or color).
- A dark dot means a pixel is always off (black color).
- One pixel consists of R, G, B sub-pixels.

**Applicable countries and regions**

Worldwide

[▲ \*\*Back to top\*\*](#)

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