**Scan codes**

<https://www.win.tue.nl/~aeb/linux/kbd/scancodes-10.html>

Scan codes X(Set 3)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| # | USB | Set 1 | X(Set 1) | Set 2 | X(Set 2) | Set 3 | X(Set 3) | keycap |
| 1 | 53 | 29 | 39 | 0e | 29 | 0e | 29 | ` ~ |
| 2 | 30 | 02 | 41 | 16 | 02 | 16 | 02 | 1 ! |
| 3 | 31 | 03 | 3f | 1e | 03 | 1e | 03 | 2 @ |
| 4 | 32 | 04 | 3d | 26 | 04 | 26 | 04 | 3 # |
| 5 | 33 | 05 | 3b | 25 | 05 | 25 | 05 | 4 $ |
| 6 | 34 | 06 | 3c | 2e | 06 | 2e | 06 | 5 % E |
| 7 | 35 | 07 | 58 | 36 | 07 | 36 | 07 | 6 ^ |
| 8 | 36 | 08 | 64 | 3d | 08 | 3d | 08 | 7 & |
| 9 | 37 | 09 | 44 | 3e | 09 | 3e | 09 | 8 \* |
| 10 | 38 | 0a | 42 | 46 | 0a | 46 | 0a | 9 ( |
| 11 | 39 | 0b | 40 | 45 | 0b | 45 | 0b | 0 ) |
| 12 | 45 | 0c | 3e | 4e | 0c | 4e | 0c | - \_ |
| 13 | 46 | 0d | 0f | 55 | 0d | 55 | 0d | = + |
| 15 | 42 | 0e | 29 | 66 | 0e | 66 | 0e | Backspace |
| 16 | 43 | 0f | 59 | 0d | 0f | 0d | 0f | Tab |
| 17 | 20 | 10 | 65 | 15 | 10 | 15 | 10 | Q |
| 18 | 26 | 11 | 38 | 1d | 11 | 1d | 11 | W |
| 19 | 8 | 12 | 2a | 24 | 12 | 24 | 12 | E |
| 20 | 21 | 13 | 70 | 2d | 13 | 2d | 13 | R |
| 21 | 23 | 14 | 1d | 2c | 14 | 2c | 14 | T |
| 22 | 28 | 15 | 10 | 35 | 15 | 35 | 15 | Y |
| 23 | 24 | 16 | 02 | 3c | 16 | 3c | 16 | U |
| 24 | 12 | 17 | 5a | 43 | 17 | 43 | 17 | I |
| 25 | 18 | 18 | 66 | 44 | 18 | 44 | 18 | O |
| 26 | 19 | 19 | 71 | 4d | 19 | 4d | 19 | P |
| 27 | 47 | 1a | 2c | 54 | 1a | 54 | 1a | [ { |
| 28 | 48 | 1b | 1f | 5b | 1b | 5b | 1b | ] } |
| 29 | 49 | 2b | 21 | 5d | 2b | 5c | 75 | \ | |
| 30 | 57 | 3a | 32 | 58 | 3a | 14 | 1d | CapsLock |
| 31 | 4 | 1e | 03 | 1c | 1e | 1c | 1e | A |
| 32 | 22 | 1f | 5b | 1b | 1f | 1b | 1f | S |
| 33 | 7 | 20 | 67 | 23 | 20 | 23 | 20 | D |
| 34 | 9 | 21 | 2e | 2b | 21 | 2b | 21 | F |
| 35 | 10 | 22 | 2d | 34 | 22 | 34 | 22 | G |
| 36 | 11 | 23 | 20 | 33 | 23 | 33 | 23 | H |
| 37 | 13 | 24 | 12 | 3b | 24 | 3b | 24 | J |
| 38 | 14 | 25 | 05 | 42 | 25 | 42 | 25 | K |
| 39 | 15 | 26 | 04 | 4b | 26 | 4b | 26 | L |
| 40 | 51 | 27 | 5c | 4c | 27 | 4c | 27 | ; : |
| 41 | 52 | 28 | 68 | 52 | 28 | 52 | 28 | ' " |
| 42 | 50 | 00 | ff | 00 | ff | 00 | Ff | non-US-1 |
| 43 | 40 | 1c | 1e | 5a | 1c | 5a | 1c | Enter |
| 44 | 225 | 2a | 2f | 12 | 2a | 12 | 2a | LShift |
| 46 | 29 | 2c | 14 | 1a | 2c | 1a | 2c | Z |
| 47 | 27 | 2d | 13 | 22 | 2d | 22 | 2d | X |
| 48 | 6 | 2e | 06 | 21 | 2e | 21 | 2e | C |
| 49 | 25 | 2f | 5d | 2a | 2f | 2a | 2f | V |
| 50 | 5 | 30 | 69 | 32 | 30 | 32 | 30 | B |
| 51 | 17 | 31 | 31 | 31 | 31 | 31 | 31 | N |
| 52 | 16 | 32 | 30 | 3a | 32 | 3a | 32 | M |
| 53 | 54 | 33 | 23 | 41 | 33 | 41 | 33 | , < |
| 54 | 55 | 34 | 22 | 49 | 34 | 49 | 34 | . > |
| 55 | 56 | 35 | 15 | 4a | 35 | 4a | 35 | / ? |
| 57 | 229 | 36 | 07 | 59 | 36 | 59 | 36 | RShift |
| 58 | 224 | 1d | 11 | 14 | 1d | 11 | 38 | LCtrl |
| 60 | 226 | 38 | 6a | 11 | 38 | 19 | 71 | LAlt |
| 61 | 44 | 39 | 72 | 29 | 39 | 29 | 39 | space |
| 62 | 230 | e0-38 | e0-6a | e0-11 | e0-38 | 39 | 72 | RAlt |
| 64 | 228 | e0-1d | e0-11 | e0-14 | e0-1d | 58 | 3a | RCtrl |
| 75 | 73 | e0-52 | e0-28 | e0-70 | e0-52 | 67 | 7b | Insert |
| 76 | 76 | e0-53 | e0-74 | e0-71 | e0-53 | 64 | 79 | Delete |
| 80 | 74 | e0-47 | e0-60 | e0-6c | e0-47 | 6e | 7f | Home |
| 81 | 77 | e0-4f | e0-61 | e0-69 | e0-4f | 65 | 7a | End |
| 85 | 75 | e0-49 | e0-34 | e0-7d | e0-49 | 6f | 6f | PgUp |
| 86 | 78 | e0-51 | e0-73 | e0-7a | e0-51 | 6d | 7e | PgDn |
| 79 | 80 | e0-4b | e0-26 | e0-6b | e0-4b | 61 | 56 | Left |
| 83 | 82 | e0-48 | e0-6c | e0-75 | e0-48 | 63 | 78 | Up |
| 84 | 81 | e0-50 | e0-6d | e0-72 | e0-50 | 60 | 55 | Down |
| 89 | 79 | e0-4d | e0-19 | e0-74 | e0-4d | 6a | 7d | Right |
| 90 | 83 | 45 | 0b | 77 | 45 | 76 | 01 | NumLock |
| 91 | 95 | 47 | 60 | 6c | 47 | 6c | 47 | KP-7 / Home |
| 92 | 92 | 4b | 26 | 6b | 4b | 6b | 4b | KP-4 / Left |
| 93 | 89 | 4f | 61 | 69 | 4f | 69 | 4f | KP-1 / End |
| 95 | 84 | e0-35 | e0-15 | e0-4a | e0-35 | 77 | 45 | KP-/ |
| 96 | 96 | 48 | 6c | 75 | 48 | 75 | 48 | KP-8 / Up |
| 97 | 93 | 4c | 27 | 73 | 4c | 73 | 4c | KP-5 |
| 98 | 90 | 50 | 6d | 72 | 50 | 72 | 50 | KP-2 / Down |
| 99 | 98 | 52 | 28 | 70 | 52 | 70 | 52 | KP-0 / Ins |
| 100 | 85 | 37 | 5e | 7c | 37 | 7e | 46 | KP-\* |
| 101 | 97 | 49 | 34 | 7d | 49 | 7d | 49 | KP-9 / PgUp |
| 102 | 94 | 4d | 19 | 74 | 4d | 74 | 4d | KP-6 / Right |
| 103 | 91 | 51 | 73 | 7a | 51 | 7a | 51 | KP-3 / PgDn |
| 104 | 99 | 53 | 74 | 71 | 53 | 71 | 53 | KP-. / Del |
| 105 | 86 | 4a | 35 | 7b | 4a | 84 | 54 | KP-- |
| 106 | 87 | 4e | 0c | 79 | 4e | 7c | 37 | KP-+ |
| 108 | 88 | e0-1c | e0-1e | e0-5a | e0-1c | 79 | 4e | KP-Enter |
| 110 | 41 | 01 | 43 | 76 | 01 | 08 | 64 | Esc |
| 112 | 58 | 3b | 24 | 05 | 3b | 07 | 58 | F1 |
| 113 | 59 | 3c | 16 | 06 | 3c | 0f | 59 | F2 |
| 114 | 60 | 3d | 08 | 04 | 3d | 17 | 5a | F3 |
| 115 | 61 | 3e | 09 | 0c | 3e | 1f | 5b | F4 |
| 116 | 62 | 3f | 5f | 03 | 3f | 27 | 5c | F5 |
| 117 | 63 | 40 | 6b | 0b | 40 | 2f | 5d | F6 |
| 118 | 64 | 41 | 33 | 83 | 41 | 37 | 5e | F7 |
| 119 | 65 | 42 | 25 | 0a | 42 | 3f | 5f | F8 |
| 120 | 66 | 43 | 17 | 01 | 43 | 47 | 60 | F9 |
| 121 | 67 | 44 | 18 | 09 | 44 | 4f | 61 | F10 |
| 122 | 68 | 57 | 6e | 78 | 57 | 56 | 62 | F11 |
| 123 | 69 | 58 | 3a | 07 | 58 | 5e | 63 | F12 |
| 124 | 70 | e0-37 | e0-5e | e0-7c | e0-37 | 57 | 6e | PrtScr |
| 0 | 154 | 54 | 1a | 84 | 54 | 57 | 6e | Alt+SysRq |
| 125 | 71 | 46 | 0a | 7e | 46 | 5f | 76 | ScrollLock |
| 126 | 72 | e1-1d-45 | e1-11-0b | e1-14-77 | e1-1d-45 | 62 | 77 | Pause |
| 0 | 0 | e0-46 | e0-0a | e0-7e | e0-46 | 62 | 77 | Ctrl+Break |
| 0 | 227 | e0-5b | e0-1b | e0-1f | e0-5b | 8b | 8b | LWin (USB: LGUI) |
| 0 | 231 | e0-5c | e0-75 | e0-27 | e0-5c | 8c | 8c | RWin (USB: RGUI) |
| 0 | 0 | e0-5d | e0-2b | e0-2f | e0-5d | 8d | 8d | Menu |
| 0 | 0 | e0-5f | e0-76 | e0-3f | e0-5f | 7f | 54 | Sleep |
| 0 | 0 | e0-5e | e0-63 | e0-37 | e0-5e | 00 | ff | Power |
| 0 | 0 | e0-63 | e0-78 | e0-5e | e0-63 | 00 | ff | Wake |