IBM PC, XT, AT e PS/2 codici di errore

Di seguito è un elenco di IBM PC XT e a PS/2 errore codici diagnostici. Questo elenco è stato compilato da una vasta gamma di fonti, tra cui il riferimento tecnico IBM manuali manutenzione Hardware IBM e manuali, articoli tecnici e del servizio BBS in

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Code  Description
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01x   Undetermined problem errors
02x   Power supply errors

1xx     System Board Errors
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   101  System board error - Interrupt failure
   102  System board error - Timer failure
   103  System board error - Timer interrupt failure
   104  System board error - Protected mode failure
   105  System board error - Last 8042 command not accepted
   106  System board error - Converting logic test
   107  System board error - Hot NMI test
   108  System board error - Timer bus test
   109  Direct memory access test error
   110  System board memory
   111  Adapter memory
   112  (any adapter in system unit)
   113  (any adapter in system unit)
   121  Unexpected hardware interrupts occurred
   131  Cassette wrap test failed
   151  System Board Error; Defective battery
   152  System Board Error; Real time clock failure
   161  System Options Error - (Run SETUP) Battery failure
   162  System options not set correctly-(Run SETUP)
   163  Time and date not set - (Run SETUP)
   164  Memory size error - (Run SETUP)
   165  System options not set - (Run SETUP)
   166  (any adapter in system unit)
   199  User-indicated configuration not correct

 2xx    Memory (RAM) Errors
        xxyyyy yyzz 201 bad ram chip in bank xx row zz
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   201  Memory test failed
   202  Memory address error
   203  Memory address error
   215  (system board memory failure)
   216  (system board memory failure)

 3xx    Keyboard Errors
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   301  Keyboard did not respond to software reset correctly, or a
        stuck key failure was detected. If a stuck key was detected,
        the scan code for the key is displayed in hexadecimal. For
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example, the error code 49 301 indicates that Key 73, the PAGE UP key, has failed (49 hex = 73 decimal)

302 User-indicated error from the keyboard test, or AT keylock is locked

303 Keyboard or system unit error

304 Keyboard or system unit error; CMOS does not match system

305 Models 50 and 60 fuse or keyboard cable error

341 Replace keyboard

342 Replace interface cable

343 Replace enhancement card or cable

4xx Monochrome Monitor Errors

401 Monochrome memory test, horizontal synchronous frequency test, or video test failed

408 User-indicated display attributes failure

416 User-indicated character set failure

424 User-indicated 80 X 25 mode failure

432 Parallel port test failed (monochrome adapter)

5xx Color Monitor Errors

501 Color memory test failed, horizontal synchronous frequency test, or video test failed

508 User-indicated display attribute failure

516 User-indicated character set failure

524 User-indicated 80 X 25 mode failure

532 User-indicated 40 X 25 mode failure

540 User-indicated 320 X 200 graphics mode failure

548 User-indicated 640 X 200 graphics mode failure

6xx Floppy Disk Drive Errors

601 Disk power-on diagnostics test failed

602 Disk test failed; boot record is not valid

603 Disk size error

606 Disk verify function failed

607 Write-protected disk

608 Bad command disk status returned

610 Disk initialization failed

611 Timeout - disk status returned

612 Bad NEC (controller) - disk status returned

613 Bad DMA - disk status returned

614 DMA Boundary error

621 Bad seek - disk status returned

622 Bad CRC - disk status returned

623 Record not found - disk status returned

624 Bad address mark - disk status returned

625 Bad NEC (controller) seek - disk status returned

626 Disk data compare error

627 Disk change line error

628 Disk removed

7xx 8087 or 80287 Math Coprocessor Errors

701 Math coprocessor test failed

9xx Parallel Printer Adapter Errors

901 Parallel printer adapter test failed

10xx Reserved for Parallel Printer Adapter

1001 Alt printer Adapter test failed

11xx Asynchronous Communications Adapter Errors

1101 Asynchronous communications adapter test failed
1102 Any serial device (system board)
1106 Any serial device (system board)
1107 Communications cable (system board)
1108 Any serial device (system board)
1109 Any serial device (system board)
1110 Modem status register not clear
1111 Ring indicate failure
1112 Trailing edge ring indicate failure
1113 Receive and delta receive line signal detect failure
1114 Receive line signal detect failure
1115 Delta receive line signal detect failure
1116 Line control register; all bits cannot be set
1117 Line control register; all bits cannot be reset
1118 Xmit holding and/or shift register is stuck on
1119 Data ready stuck on
1120 Interrupt enable register, all bits cannot be set
1121 Interrupt enable register, all bits cannot be reset
1122 Interrupt pending stuck on
1123 Interrupt ID register stuck on
1124 Modem control register, all bits cannot be set
1125 Modem control register, all bits cannot be reset
1126 Modem status register, all bits cannot be set
1127 Modem status register, all bits cannot be reset
1128 Interrupt ID failure
1129 Cannot force overrun error
1130 No modem status interrupt
1131 Invalid interrupt pending
1132 No data ready
1133 No data available interrupt
1134 No transmit holding interrupt
1135 No interrupts
1136 No received line status interrupt
1137 No receive data available
1138 Transmit holding register not empty
1139 No modem status interrupt
1140 Transmit holding register not empty
1141 No interrupts
1142 No IRQ4 interrupt
1143 No IRQ3 interrupt
1144 No data transferred
1145 Maximum BAUD rate failed

1146 Minimum BAUD rate failed
1148 Timeout error
1149 Invalid data returned
1150 Modem status register error
1151 No DSR and Delta DSR
1152 No data set ready
1153 No delta
1154 Modem status register not clear
1155 No CTS and Delta CTS
1156 No clear to send
1157 No delta CTS

12xx Alternate Asynchronous Communications Adapter Errors

1201 Alternate asynchronous communications adapter test failed
1202 Dual Asynchronous Adapter/A (Any serial device)
1206 Dual Asynchronous Adapter/A (Any serial device)
1207 Dual Asynchronous Adapter/A board error
1208 Dual Asynchronous Adapter/A (Any serial device)
1209 Dual Asynchronous Adapter/A (Any serial device)

13xx Game Control Adapter Errors

1301 Game control adapter test failed
1302 Joystick test failed

14xx Printer Errors

1401 Printer test failed
1404 Matrix printer failed

15xx Synchronous Data Link Control (SDLC) Communications Adapter Errors

1510 8255 Port B failure
1511 8255 Port A failure
1512 8255 Port C failure
1513 8253 Timer 1 did not reach terminal count
1514 8253 Timer 1 stuck on
1515 8253 Timer 0 did not reach terminal count
1516 8253 Timer 0 stuck on
1517 8253 Timer 2 did not reach terminal count
1518 8253 Timer 2 stuck on
1519 8273 Port B error
1520 8273 Port A error
1521 8273 command/read timeout
1522 Interrupt level 4 failure
1523 Ring Indicate stuck on
1524 Receive clock stuck on
1525 Transmit clock stuck on
1526 Test indicate stuck on
1527 Ring indicate not on
1528 Receive clock not on
1529 Transmit clock not on
1530 Test indicate not on

1531 Data set ready not on
1532 Carrier detect not on
1533 Clear to send not on
1534 Data set ready stuck on
1536 Clear to send stuck on
1537 Level 3 interrupt failure
1538 Receive interrupt results error
1539 Wrap data miscompare
1540 DMA channel 1 error
1541 DMA channel 1 error
1542 Error in 8273 error checking or status reporting
1547 Stray interrupt level 4
1548 Stray interrupt level 3
1549 Interrupt presentation sequence timeout

16xx Display Emulation Errors (327x, 5520, 525x)

17xx Fixed Disk Errors

The following is a listing of Personal Computer AT Error Codes for the fixed disk drive and fixed disk drive adapter:

1700 Fixed Disk/Adapter
1701 HDD Controller Failure
1702 Time out error
1703 Seek error
1704 Disk adapter error
1705 No record found
1706 Write fault error
1707 Track 0 error
1708 Head select error
1709 Defective ECC
1710 Read buffer overrun
1711 Bad address mark
1712 Error-cause not determined
1713 Data compare error
1714 Drive not ready
1780 Disk 0 failure
1781 Disk 1 failure
1782 Disk adapter error
1790 Disk 0 error
1791 Disk 1 error

18xx I/O Expansion Unit Errors

1801 I/O expansion unit POST error
1810 Enable/Disable failure
1811 Extender card warp test failed (disabled)
1812 High order address lines failure (disabled)
1813 Wait state failure (disabled)
1814 Enable/Disable could not be set on
1815 Wait state failure (disabled)
1816 Extender card warp test failed (enabled)
1817 High order address lines failure (enabled)
1818 Disable not functioning

1819 Wait request switch not set correctly
1820 Receiver card wrap test failure
1821 Receiver high order address lines failure

19xx 3270 PC Attachment Card Errors

20xx Binary Synchronous Communications (BSC) Adapter Errors

2010 8255 Port A failure
2011 8255 Port B failure
2012 8255 Port C failure
2013 8253 Timer 1 did not reach terminal count
2014 8253 Timer 1 stuck on
2016 8253 Timer 2 did not reach terminal count, or timer 2 stuck on
2017 8251 Data set ready failed to come on
2018 8251 Clear to send not sensed
2019 8251 Data set ready stuck on
2020 8251 Clear to send stuck on
2021 8251 Hardware reset failed
2022 8251 Software reset failed
2023 8251 Software "error reset" failed
2024 8251 Transmit ready did not come on
2025 8251 Receive ready did not come on
2026 8251 Could not force "overrun" error status
2027 Interrupt failure - no timer interrupt
2028 Interrupt failure - transmit, replace card or planar
2029 Interrupt failure - transmit, replace card
2030 Interrupt failure - receive, replace card or planar
2031 Interrupt failure - receive, replace card
2033 Ring indicate stuck on
2034 Receive clock stuck on
2035 Transmit clock stuck on
2036 Test indicate stuck on
2037 Ring indicate stuck on
2038 Receive clock not on
2039 Transmit clock not on
2040 Test indicate not on
2041 Data set ready not on
2042 Carrier detect not on
2043 Clear to send not on
2044 Data set ready stuck on
2045 Carrier detect stuck on
2046 Clear to send stuck on
2047 Unexpected transmit interrupt
2048 Unexpected receive interrupt
2049 Transmit data did not equal receive data
2050 8251 detected overrun error
2051 Lost data set ready during data wrap
2052 Receive timeout during data wrap

21xx Alternate Binary Synchronous Communications Adapter Errors

2110 8255 Port A failure
2111 8255 Port B failure
2112 8255 Port C failure

2113 8253 Timer 1 did not reach terminal count
2114 8253 Timer 1 stuck on
2115 8253 Timer 2 did not reach terminal count, or timer 2 stuck on
2116 8251 Data set ready failed to come on
2117 8251 Clear to send not sensed
2118 8251 Data set ready stuck on
2119 8251 Clear to send stuck on
2120 8251 Hardware reset failed
2121 8251 Software reset failed
2122 8251 Software "error reset" failed
2123 8251 Transmit ready did not come on
2124 8251 Receive ready did not come on
2125 8251 Could not force "overrun" error status
2126 Interrupt failure - no timer interrupt
2128 Interrupt failure - transmit, replace card or planar
2129 Interrupt failure - transmit, replace card
2130 Interrupt failure - receive, replace card or planar
2131 Interrupt failure - receive, replace card
2133 Ring indicate stuck on
2134 Receive clock stuck on
2135 Transmit clock stuck on
2136 Test indicate stuck on
2137 Ring indicate stuck on
2138 Receive clock not on
2139 Transmit clock not on
2140 Test indicate not on
2141 Data set ready not on
2142 Carrier detect not on
2143 Clear to send not on
2144 Data set ready stuck on
2145 Carrier detect stuck on
2146 Clear to send stuck on
2147 Unexpected transmit interrupt
2148 Unexpected receive interrupt
2149 Transmit data did not equal receive data
2150 8251 detected overrun error
2151 Lost data set ready during data wrap
2152 Receive timeout during data wrap

22xx Cluster Adapter Errors

24xx Enhanced Graphics Adapter Errors

26xx XT/370 Error Codes

27xx XT/370 Error Codes

29xx Color Matrix Printer Errors

2901
2902
2904

30xx   Primary PC Network Adapter Errors

  3001 CPU Failure
  3002 ROM Failure
  3003 ID Failure
  3004 RAM Failure
  3005 HIC Failure
  3006 +/- 12v Failed
  3007 Digital Loopback Failure
  3008 Host Detected HIC Failure
  3009 Synchronous Fail & No Go Bit
  3010 HIC Test OK & No Go Bit
  3011 Go Bit & No CMD 41
  3012 Card not present
  3013 Digital Failure (Fall Through)
  3015 Analog Failure
  3041 Hot Carrier (not this card)
  3042 Hot Carrier (This Card)

31xx   Secondary PC Network Adapter Errors

  3101 CPU Failure
  3102 ROM Failure
  3103 ID Failure
  3104 RAM Failure
  3105 HIC Failure
  3106 +/- 12v Failed
  3107 Digital Loopback Failure
  3108 Host Detected HIC Failure
  3109 Synchronous Fail & No Go Bit
  3110 HIC Test OK & No Go Bit
  3111 Go Bit & No CMD 41
  3112 Card not present
  3113 Digital Failure (Fall Through)
  3115 Analog Failure
  3141 Hot Carrier (not this card)
  3142 Hot Carrier (THIS CARD !!)

33xx   Compact Printer Errors

74xx   Display Adapter 8514/A

850x   80286 Expanded Memory Adapter/A

851x   80286 Expanded Memory Adapter/A

852x   Memory Module Package on the 80286 Expanded Memory Adapter/A

860x   PS/2 Pointing Device Errors

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   8601   Pointing device (IBM mouse)
   8602   Pointing device
   8603   System board error
   8604   System board : Pointing device

100xx  Multiprotocol Adapter/A
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   10002  Multiprotocol Adapter/A any serial device
   10006  Multiprotocol Adapter/A any serial device
   10007  Communications cable Multiprotocol Adapter/A
   10008  Multiprotocol Adapter/A any serial device
   10009  Multiprotocol Adapter/A any serial device

101xx Modem Adapter/A
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   10102  Modem Adapter/A any serial device
   10106  Modem Adapter/A any serial device
   10108  Modem Adapter/A any serial device
   10109  Modem Adapter/A any serial device

104xx Fixed Disk Adapter (ESDI) Drives 0 or 1 (C or D)
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   10480  Fixed disk C, adapter (ESDI) or system board error
   10481  Fixed disk D, adapter (ESDI) or system board error
   10482  Fixed disk C or system board error
   10483  Fixed disk adapter (ESDI) or system board error
   10490  Fixed disk C or adapter (ESDI) error
   10491  Fixed disk C or adapter (ESDI) error

   16500  6157 Tape Attachment Adapter

   16520  6157 Streaming Tape Drive

   16540  6157 Streaming Tape Drive or tape attachment adapter
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Le informazioni in questo articolo si applicano a:

- Microsoft Windows 3.0 Standard Edition
- Microsoft Windows 3.0a
- Microsoft Windows 3.1 Standard Edition
- Microsoft Windows 3.11 Standard Edition
- Microsoft Windows per Workgroup 3.1
- Microsoft Windows per Workgroup 3.11

Chiavi: kbmt KB35436 KbMtit