

## FRU (Field Replaceable Unit) List

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This chapter offers the FRU (Field Replaceable Unit) list in global configuration of Aspire iDea 500/510 desktop. Refer to this chapter whenever ordering the parts to repair or for RMA (Return Merchandise Authorization).

Please note that when ordering FRU parts, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number is changed, it will NOT be noted on the printed service guide. For Acer authorized service providers, your Acer office may have a different part number code from those given in the FRU list of this printed service guide. You MUST use the local FRU list provided by your regional Acer office to order FRU parts for service.

**Note:** To scrap or to return the defective parts, you should follow the local government ordinance or regulations on how to dispose them properly, or follow the rules set by your regional Acer office on how to return it.

# Parts


| CATEGORY  | PART NAME  | DESCRIPTION                          | ACER PART NO. |
|---|--|--------------------------------------|---------------|
| <b>REMOTE CONTROL</b>   |  |                                      |               |
| N/A   | REMOTE CONTROLLER<br>RC1534509/00B PAL FOR<br>EUROPE | REMOTE CTRL<br>RC1534509/00B PAL     | RT.MCE08.001  |
| N/A   | REMOTE CONTROLLER<br>RC1534031/00B NTSC FOR<br>TWN   | REMOTE CTRL<br>RC1534031/00B<br>NTSC | RT.MCE08.003  |
| <b>BOARD</b>  |  |                                      |               |
|    | WIRELESS LAN BOARD<br>802.11BG FOXCONN<br>BCM4318    | WLAN 802.11BG FOX<br>BCM4318 MURA    | 54.A74V1.002  |
|    | TV TUNER BOARD                                       | TV TUNER MINIPCI<br>MPC-718 (353)    | TU.S5000.001  |
|   | CARD READER BOARD                                    | P600X/HAVC5.0<br>CARD READER BD      | 55.S50V1.003  |
|  | SPLITTER BOARD PAL                                   | P600X/HAVC5.0<br>SPLITTER PAL BD     | 55.S50V1.004  |
|  | IDE BOARD  | P600X/HAVC5.0 IDE<br>BD              | 55.S50V1.005  |
| N/A   | RF RECEIVER BOARD 2.4G                               | RF RECEIVER BD<br>832015-0001 2.4    | RV.RAN01.001  |
|  | SCART BOARD  | P600X/HAVC5.0<br>SCART BD            | 55.S50V1.002  |
| N/A   | VGA BOARD NVIDIA M760GO                              | VGA CARD NVIDIA<br>M760GO            | 55.S6201.001  |
| <b>CABLE</b>  |  |                                      |               |
| N/A   | CONNECTOR 24+5ML/15FML                               | CONN 24+5ML/15FML<br>PI12.A22C32     | 20.S50V1.001  |


| CATEGORY  | PART NAME                          | DESCRIPTION                    | ACER PART NO. |
|---|------------------------------------|--------------------------------|---------------|
| N/A   | POWER CORD SVT 10A125V USA         | CORD SVT 18AWG*3C 10A125V(USA) | 27.01818.071  |
| N/A   | POWER CORD 10A 250V EUROPE         | CORD H05VV-F 10A/ 250V(EUROPE) | 27.02718.401  |
| N/A   | POWER CORD 13A 250V UK             | CORD H05VV-F 5A250V (UK)       | 27.02718.381  |
| N/A   | POWER CORD 250V 10A 1800MM SWISS   | CORD 250V 10A 1800MM SWISS     | 27.01518.251  |
| N/A   | POWER CORD 250V 10A 1800MM DENMARK | CORD 250V 10A 1800MM DENMARK   | 27.01518.201  |
| N/A   | HDD CABLE SATA 200MM               | C.A.SATA 200MM HD304           | 50.S6201.001  |
| N/A   | FRONT BEZEL                        | ASSY FRONT BEZEL OSCAR PLUS    | 60.S6201.001  |
|    | OPTICAL CABLE                      | C.A. ODD HD304                 | 50.S50V1.003  |
| N/A   | VFD-A CABLE                        | C.A. VFD-AHD304                | 50.S6201.002  |
|    | TV-S CABLE 8PIN                    | C.A.TV-S8PINHD304              | 50.S50V1.005  |
|  | TV-S IR CABLE 10PIN                | C.A. TV-S IR 10PIN CABLE       | 50.S50V1.006  |
|  | SCART CABLE OUT                    | C.A. SCART OUT HD304           | 50.S50V1.007  |
|  | SPLITTER CABLE L                   | C.A. SPLITTER L HD304          | 50.S50V1.008  |
|  | SPLITTER CABLE S                   | C.A. SPLITTER S HD304          | 50.S50V1.009  |
| N/A   | FM CABLE EUR                       | C.A.FMEURHD304                 | 50.S50V1.010  |
| N/A   | RF CABLE                           | C.A. RF HD304                  | 50.S50V1.011  |
| N/A   | DVT CABLE 1800MM                   | C.A. DVT TO DVI 1800MM HD304   | 50.S50V1.012  |
| N/A   | HDMI CABLE 19PIN 2CONNECTOR 180MM  | C.A. HDMI 19P 2C 1800MM HD304  | 50.S50V1.013  |
| N/A   | RCA CABLE TO SPEAKER               | C.A. RCA TO SPEAKER/F 140MM    | 50.S50V1.015  |
| N/A   | SVIDEO 2CONNECTOR 1800MM           | C.A. SVIDEO 2C 1800MM HD304    | 50.S50V1.016  |
| N/A   | IR CABLE 1800MM                    | C.A. IR 1800MM HD304           | 50.S50V1.017  |

| CATEGORY  | PART NAME                              | DESCRIPTION                     | ACER PART NO. |
|---|--|---------------------------------|---------------|
| N/A   | SCART CABLE 2CONNECTOR 1800MM          | C.A. SCART 2C 1800MM HD304      | 50.S50V1.018  |
| N/A   | RCA CABLE 2TO2 1800MM                  | C.A. RCA 2 TO 2 1800MM HD304    | 50.S50V1.019  |
| N/A   | RCA CABLE 1800MM                       | C.A. RCA 3 TO 3 1800MM HD304    | 50.S50V1.020  |
| N/A   | FM ANTENNA PAL 1800MM                  | CA FM ANTENNA(PAL)1800M M HD304 | 50.S50V1.021  |
| N/A   | RCA CABLE ORANGE                       | C.A. RCA ORANGE HD304           | 50.S6201.003  |
| <b>CASE / COVER / BRACKET ASSEMBLY</b>  |  |                                 |               |
|    | HDD BRACKET                            | BRKTHDDHD304                    | 33.S50V1.001  |
|    | OPTICAL BRACKET                        | BRKTODDHD304                    | 33.S50V1.002  |
| N/A   | FRONT IO BRACKET                       | BRKT FRONT IO HD304             | 33.S50V1.003  |
|   | SCART-RCA BRACKET                      | BRKT SCART-RCA BD HD304         | 33.S50V1.004  |
| N/A   | TV PAL BRACKET                         | BRKT TV PAL SECC T0.8 HD302     | 33.S50V1.005  |
|  | CONVERT BOARD HOLDER                   | HLDR ODD SPACE FOR HD304        | 42.S50V1.001  |
|  | ASSEMBLY HOUSE WITH POWER SWITCH CABLE | ASSY chassis EUR HD304          | 60.S50V1.001  |
|  | FRONT BEZEL                            | ASSY FRONTBEZEL HD304           | PZ.S5003.001  |
| <b>COMMUNICATION MODULE</b>   |  |                                 |               |
| N/A   | EXTERNAL ANTENNA SET                   | ANTENNA HD304                   | 27.S50V1.001  |
| N/A   | ANTENNA CABLE                          | C.A.ANTENNAHD304                | 27.S50V1.002  |
| <b>PROCESSOR</b>  |  |                                 |               |
| N/A   | CPU MEROM T5500 1.66GMHZ INTEL         | IC CPU MEROM T5500 1.66G PGA B  | KC.55001.DTP  |

| CATEGORY  | PART NAME                                       | DESCRIPTION                        | ACER PART NO. |
|---|---|------------------------------------|---------------|
| N/A   | CPU DC YONAH T2300<br>1.66GMHZ INTEL            | IC CPU DC YONAH<br>T2300 1.66G PGA | KC.23001.DTP  |
| N/A   | CPU DC YONAH T2600<br>2.17GMHZ INTEL            | IC CPU DC YONAH<br>T2600 2.17G PGA | KC.26001.DTP  |
| N/A   | CPU DC YONAH T2500<br>2GMHZ INTEL               | IC CPU DC YONAH<br>T2500 2G PGA    | KC.25001.DTP  |
| N/A   | CPU DC YONAH T2400<br>1.83GMHZ INTEL            | IC CPU DC YONAH<br>T2400 1.83G PGA | KC.24001.DTP  |
| N/A   | CPU MEROM T7600<br>2.33GMHZ INTEL               | IC CPU MEROM<br>T7600 2.33G PGA B  | KC.76001.DTP  |
| N/A   | CPU MEROM T7400<br>2.16GMHZ INTEL               | IC CPU MEROM T<br>7400 2.16G PGA B | KC.74001.DTP  |
| N/A   | CPU MEROM T7200 2.0GMHZ<br>INTEL                | IC CPU MEROM<br>T7200 2.0G PGA B   | KC.72001.DTP  |
| N/A   | CPU MEROM T5600<br>1.83GMHZ INTEL               | IC CPU MEROM<br>T5600 1.83G PGA B  | KC.56001.DTP  |
| <b>DVD-RW DRIVE</b>   |   |                                    |               |
| N/A   | DVD-RW DRIVE PANASONIC<br>UJ-85J-BAA P600 SLOT  | S-MUL SLOT PAN/UJ-<br>85J-BAA P600 | KU.00807.040  |
|   | DVD-RW DRIVE 8X SUPER-<br>MULT PANASONIC UJ-845 | SUPER-MUL PAN/UJ-<br>845 SLOT HAVC | KU.00807.042  |
| <b>HDD / HARD DISK DRIVE</b>  |   |                                    |               |
| N/A   | HDD 500G SEATAGE<br>ST3500841AS                 | HDD SATA2 500GB<br>SE ST3500841AS  | KH.50001.001  |
|  | HDD 250G WD WD2500JS-<br>22NCB1                 | HDD 250GB WD<br>WD2500JS-22NCB1    | KH.25008.015  |
| <b>HEATSINK</b>   |   |                                    |               |
|  | THERMAL PLATE                                   | ASSY THERMAL<br>PLATE HD304        | 33.S50V1.006  |
|  | HEATSINK  | ASSY FSINK YONAH<br>31W HAVC5_0    | 34.S50V1.001  |
| N/A   | HEATSINK MSM HAVC5_0                            | ASSY FHSINK MXM<br>HAVC5_0         | HI.S500C.002  |

| CATEGORY        | PART NAME  | DESCRIPTION                             | ACER PART NO. |
|-----------------|--|---|---------------|
| <b>KEYBOARD</b> |  |   |               |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2125<br>TURKIS    | WIRELESS KB<br>967879-2125 TURKIS       | KB.RF404.020  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2217<br>ARABIC    | WIRELESS KB<br>967879-2217 ARABIC       | KB.RF404.010  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2213<br>ARABIC    | WIRELESS KB<br>967879-2213 ARABIC       | KB.RF404.011  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2100 US-IL        | WIRELESS KB<br>967879-2100 US-I L       | KB.RF404.006  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2128<br>CZECH     | WIRELESS KB<br>967879-2128 CZECH        | KB.RF404.017  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2101<br>FRENCH    | WIRELESS KB<br>967879-2101 FRENCH       | KB.RF404.003  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2102<br>GERMAN    | WIRELESS KB<br>967879-2102<br>GERMAN    | KB.RF404.005  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2104<br>SPANISH   | WIRELESS KB<br>967879-2104<br>SPANISH   | KB.RF404.012  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2115<br>GREEK     | WIRELESS KB<br>967879-2115 GREEK        | KB.RF404.018  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2123<br>BELGIUM   | WIRELESS KB<br>967879-2123<br>BELGIUM   | KB.RF404.009  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2103<br>ITALIAN   | WIRELESS KB<br>967879-2103 ITALIAN      | KB.RF404.004  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2107<br>DANISH    | WIRELESS KB<br>967879-2107 DANISH       | KB.RF404.014  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2108<br>NORWAY    | WIRELESS KB<br>967879-2108<br>NORWAY    | KB.RF404.021  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2110<br>PORTUGESE | WIRELESS KB<br>967879-2110<br>PORTUGESE | KB.RF404.019  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2106<br>SWEDISH   | WIRELESS KB<br>967879-2106<br>SWEDISH   | KB.RF404.013  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2131<br>SWISS     | WIRELESS KB<br>967879-2131 SWISS        | KB.RF404.007  |
| N/A             | WIRELESS KEYBOARD<br>LOGITECH 967879-2112<br>RUSSIA    | WIRELESS KB<br>967879-2112 RUSSIA       | KB.RF404.015  |

| CATEGORY   | PART NAME   | DESCRIPTION                           | ACER PART NO. |
|--|---|---------------------------------------|---------------|
| N/A  | WIRELESS KEYBOARD<br>LOGITECH 967879-2120 UK<br>LOG   | WIRELESS KB<br>967879-2120 UK LOG     | KB.RF404.002  |
| N/A  | WIRELESS KEYBOARD<br>LOGITECH 967879-2403 US<br>LOG   | WIRELESS KB<br>967879-2403 US LOG     | KB.RF404.001  |
| N/A  | WIRELESS KEYBOARD<br>LOGITECH 967879-2105<br>DUTCH    | WIRELESS KB<br>967879-2105 DUTCH      | KB.RF404.008  |
| N/A  | WIRELESS KEYBOARD<br>LOGITECH 967879-2109<br>FINNISH  | WIRELESS KB<br>967879-2109 FINNISH    | KB.RF404.016  |
| N/A  | WIRELESS KEYBOARD<br>LOGITECH 967879-2121 T-CN        | WIRELESS KB<br>967879-2121 T-CN       | KB.RF404.022  |
| N/A  | WIRELESS KEYBOARD<br>LOGITECH 967879-2124 THAI        | WIRELESS KB<br>967879-2124 THAI       | KB.RF404.023  |
| <b>MAIN BOARD</b>  |   |                                       |               |
|  | MAINBOARD P600X 945GT W/<br>O CPU & MEMORY            | P600X 945GT/ICH7-M<br>NVIDIA MBD      | MB.S5009.002A |
| <b>MEMORY</b>  |   |                                       |               |
|  | SDIMM 256MB DDRII533<br>NANYA NT256T64UH4A1FN-<br>37B | DIMM 256M<br>NT256T64UH4A1FN-<br>37B  | KN.25603.029  |
|  | SDIMM 256MB DDRII533<br>SAMSUNG M470T3354CZ3-<br>CD5  | SODIMM 256M<br>M470T3354CZ3-CD5       | KN.2560B.017  |
|  | SDIMM 256MB DDRII667<br>NANYA NT256T64UH4A1FN-<br>3C  | SODIMM 256M<br>NT256T64UH4A1FN-<br>3C | KN.25603.027  |
|  | SDIMM 512MB DDRII533<br>ELPIDA GU33512AGEPN612C       | SODIMM 512M<br>GU33512AGEPN612C       | KN.51209.005  |
|  | SDIMM 512MB DDRII533<br>NANYA NT512T64UH8A1FN-<br>37B | SODIMM512M<br>NT512T64UH8A1FN-<br>37B | KN.51203.023  |
|  | SDIMM 512MB DDRII533<br>SAMSUNG M470T6554CZ3-<br>CD5  | SODIMM 512M<br>M470T6554CZ3-CD5       | KN.5120B.015  |
|  | SDIMM 512MB DDRII667<br>NANYA NT512T64UH8A1FN-<br>3C  | SODIMM512M<br>NT512T64UH8A1FN-<br>3C  | KN.51203.025  |
|  | SDIMM 1GB DDRII533 ELPIDA<br>GU331G0AGEPN6E2C LF      | SODIMM 1G<br>GU331G0AGEPN6E2<br>C     | KN.1GB09.004  |

| CATEGORY  | PART NAME   | DESCRIPTION                             | ACER PART NO. |
|---|---|---|---------------|
|   | SDIMM 1GB DDRII533<br>SAMSUNG M470T2953CZ3-<br>CD5    | SODIMM 1G<br>M470T2953CZ3-CD5           | KN.1GB0B.004  |
|   | SDIMM 1GB DDRII667 ELPIDA<br>GU331G0AJEPN6E2C         | SODIMM 1G<br>GU331G0AJEPN6E2C           | KN.1GB09.005  |
|   | SDIMM 1GB DDRII667<br>SAMSUNG M470T2953CZ3-<br>CE6    | SODIMM 1G<br>M470T2953CZ3-CE6           | KN.1GB0B.005  |
| <b>POWER SUPPLY</b>   |   |   |               |
|  | POWER POWERSUPPLY<br>120W SPI FSP120-40GLS<br>REV:1.6 | SPS 120W SPI<br>FSP120-40GLS<br>REV:1.6 | PY.12008.002  |
| <b>SCREW</b>  |   |   |               |
| N/A   | SCREWS  | SCRW HEX I#4-40/<br>O#4-40 L5.5 NI      | 34.00015.071  |
| N/A   | SCREWS  | SCRW PAN M #6-32<br>L5 BZN              | 86.00E66.D60  |
| N/A   | SCREWS  | SCRW PAN M3 L5<br>BZN                   | 86.1A324.5R0  |
| N/A   | SCREWS  | SCRWPANM2*2.5                           | 86.1A522.2R5  |
| N/A   | SCREWS  | SCRW MACH PAN<br>M2*6L NI               | 86.1A522.6R0  |
| N/A   | SCREWS  | SCREW FLAT #6-<br>32*3/16 NI            | 86.5A5B6.012  |
| N/A   | SCREWS  | SCRW PAN T M3 L5<br>BZN                 | 86.VA324.5R0  |
| N/A   | SCREWS  | SCRW M3-P0.5 L5.0<br>BZN                | 86.HA324.5R0  |