

FRU (Field Replaceable Unit) List

This chapter gives you the FRU (Field Replaceable Unit) listing in global configurations of TravelMate 650 series products. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).


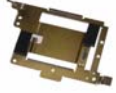

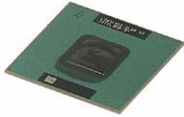
Please note that WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number change is made, it will not be noted on the printed Service Guide. For ACER AUTHORIZED SERVICE PROVIDERS, your Acer office may have 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 repair and service of customer machines.

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

NOTE: Exploded diagram is not ready as service CD released. We will update the service guide to CSD website, please download the exploded diagram from the website if you need the files

Picture	No.	Partname And Description	Part Number
Adapter			
	NS	ADPATER LITEON 75W 3P PA-1750-02CA PFC	AP.T2301.001
		ADPATER LITEON 75W 3P PA-1750-02CA PFC	AP.T2303.001
Battery			
	NS	BATTERY SANYO LI-ION 8CELL 4UR18650F-2-QC-ZG1 4400mAH	BT.T2303.001
		BATTERY SIMPLO LI-ION 8CELL (LI-ION BATTERY PACK ZG14S2P, 4400mAH)	BT.T2306.001
		BATTERY SANYO LI-ION 6CELL 3UF103450P-2-QC-20 3600 mAH	BT.T2303.002
Boards			
		MODEM BOARD AMBIT U98M005.05	54.T23V7.001
		MODEM /BLUETOOTH COMBO BOARD AMBIT T60M665.00	54.T23V7.002
		WIRELESS LAN BOARD (802.11b) AMBIT T60H656.02	54.T23V7.003
	NS	WIRELESS LAN BOARD (802.11a+b) AMBIT T60H677.01	54.T23V7.004
	NS	LAUNCH BOARD	55.T23V7.001
	NS	TOUCH PAD BOARD W/CABLE	55.T23V7.002
Cables			

Picture	No.	Partname And Description	Part Number
		TOUCHPAD CABLE	50.T23V7.001
		MODEM CABLE	50.T23V7.002
		COVER SWITCH CABLE	50.T23V7.003
		POWER CORD US (3 pin)	27.T23V7.001
		POWER CORD PRC (3 Pin)	27.T23V7.003
		POWER CORD KOREA (3 Pin)	27.T23V7.006
Case/Cover/Bracket Assembly			
		MIDDLE COVER W/ NAME PLATE	42.T23V7.001
		DIMM DOOR W/SCREW	42.T23V7.002
		LOWER CASE W/O SPEAKER	60.T23V7.001
		UPPER CASE W/TOUCHPAD HOLDER	60.T23V7.002
		I/O BRACKET W/MICROPHONE	6K.T23V7.001
		FRONT BEZEL FOR 4 IN 1 MODEL	42.T23V7.003





Picture	No.	Partname And Description	Part Number
		FRONT BEZEL FOR NON-4 IN 1 MODEL	42.T23V7.004
		TOUCH PAD SHIELDING FOR TOUCH PAD BOARD	33.T23V7.001
		TOUCH PAD BRACKET FOR TOUCH PAD	33.T23V7.002
		WIRELESS BOARD COVER	42.T23V7.003
Communication Module			
		BLUETOOTH ANTENNA	50.T23V7.004
		WIRELESS LAN ANTENNA Y CABLE	50.T23V7.005
		WIRELESS LAN ANTENNA	50.T23V7.006
CPU			
	NS	INTEL PENTIUM 4-M (NORTHWOOD) 1.8GHZ/ 512K/400FSB/1.3V/478PIN/ C-1 STEPPING	01.P4MNW.1G8
		INTEL PENTIUM 4-M (NORTHWOOD) 1.9GHZ/ 512K/400FSB/1.3V/478PIN/ C-1 STEPPING	01.P4MNW.1G9
		INTEL PENTIUM 4-M (NORTHWOOD) 2.0GHZ/ 512K/400FSB/1.3V/478PIN/ C-1 STEPPING	01.P4MNW.2G0
		INTEL PENTIUM 4-M (NORTHWOOD) 2.2GHZ/ 512K/400FSB/1.3V/478PIN/ C-1 STEPPING	01.NORTH.22B
		INTEL PENTIUM 4-M (NORTHWOOD) 2.2GHZ/ 512K/400FSB/1.3V/478PIN/ C-1 STEPPING	01.P4MNW.2G4

Picture	No.	Partname And Description	Part Number
HDD/ Hard Disk Drive			
	NS	HDD 20GB/2.5 IN./4200RPM/TOSHIBA TITAN MK2018GAP	KH.25204.001
		HDD 30GB/2.5 IN./4200RPM/HITACHI EUCALYPTUS DK23EA/30	KH.33005.002
		HDD 30GB/2.5 IN./4200RPM/FUJITSU HORNET 16L MHS2030AT	KH.03006.001
		HDD 30GB/2.5 IN./4200RPM/TOSHIBA NEPTUNE MK3021GAS	KH.33004.001
		HDD 40GB/2.5 IN./4200RPM/HITACHI EUCALYPTUS DK23EA-40	KH.34005.002
		HDD 40GB/2.5 IN./4200RPM/TOSHIBA NEPTUNE MK4021GAS	KH.34004.001
		HDD 40GB/2.5 IN./4200RPM/FUJITSU HORNET 16L MHS2040AT	KH.04006.001
		HDD 60GB/2.5 IN./4200RPM/TOSHIBA NEPTUNE MK6021GAS	KH.36004.001
		HDD 60GB/2.5 IN./4200RPM/HITACHI EUCALYPTUS DK23EA-60	KH.06005.001
		HDD 60GB/2.5 IN./4200RPM/FUJITSU HORNET 16L MHS2060AT	KH.06006.001
		HDD 60GB/2.5 IN./5400RPM/TOSHIBA TRITON MK6022GAX	KH.06004.001
			
		HDD CASE	33.T23V7.004
Keyboard			
	NS	KEYBOARD DARFON US INTERNATIONAL (Model name: 99.N3482.41D, 84 keys)	KB.T2307.001
		KEYBOARD DARFON CHINESE (Model name : 99.N3482.02, 84 keys)	KB.T2307.002
		KEYBOARD DARFON SPANISH (Model name : 99.N3482.40S, 85 keys)	KB.T2307.003
		KEYBOARD DARFON THAI (Model name : 99.3482N.403, 84 keys)	KB.T2307.004
		KEYBOARD DARFON BRAZILIAN PROTUGESE (Model name : 99.N3482.406, 85 Keys)	KB.T2307.005

Picture	No.	Partname And Description	Part Number
		KEYBOARD DARFON Korea (Model name : 99.3482N.40K, 84 keys)	KB.T2307.006
LCD			
		LCD MODULE 14.1" TFT XGA QDI QD141X1LH12	6M.T23V7.011
		LCD MODULE 14.1" TFT XGA SAMSUNG LTN141XB	6M.T23V7.012
		LCD MODULE 14.1" TFT XGA HANNSTAR HSD141PX13-B	6M.T23V7.013
		LCD MODULE 15" TFT XGA AU B150XG01 V2	6M.T23V7.021
		LCD MODULE 15.1" TFT XGA LG LP150X05-A2C1	6M.T23V7.022
		LCD MODULE 15" TFT XGA SHARP LQ150X1LHA2	6M.T23V7.023
		LCD MODULE 15" TFT XGA CPT CLAA150XH01	6M.T23V7.024
		LCD MODULE 15" TFT SXGA+ AU B150PG01	6M.T23V7.025
		LCD MODULE 15" TFT SXGA+ LG LP150E02	6M.T23V7.026
		LCD MODULE 15" TFT SXGA+ SHARP LQ150F1LH32	6M.T23V7.027
		LCD MODULE 15" TFT SXGA+ CPT CLAA150PA01	6M.T23V7.028
			LCD 14.1" TFT XGA QDI QD141X1LH12
		LCD 14.1" TFT XGA SAMSUNG LTN141XB	LK.14106.001
		LCD 14.1" TFT XGA HANNSTAR HSD141PX13-B	LK.14107.001
		LCD 15" TFT XGA AU B150XG01 V2	LK.15005.001
		LCD 15" TFT XGA LG LP150X05-A2C1	LK.15008.003
		LCD 15" TFT XGA SHARP LQ150X1LHA2	LK.1500C.001
		LCD 15" TFT XGA CPT CLAA150XH01	LK.1500A.001
		LCD 15" TFT SXGA+ AU B150PG01	LK.15005.002
		LCD 15" TFT SXGA+ LG LP150E02	LK.15008.004
		LCS 15" TFT SXGA+ SHARP LQ150F1LH32	LK.1500C.002
		LCD 15" TFT SXGA+ CPT CLAA150PA01	LK.15009.001
		INVERTER BOARD W/MAYLAR E AMBIT T18I064	19.T23V7.001
		INVERTER BOARD W/MAYLAR E SUMIDA 53261-0590	19.T23V7.002
		LCD BRACKET 14.1" RIGHT W/HINGE	33.T23V7.005
		LCD BRACKET 15" RIGHT W/HINGE	33.T23V7.007

Picture	No.	Partname And Description	Part Number
		LCD BRACKET 14.1" LEFT W/HINGE	33.T23V7.006
		LCD BRACKET 14.1" LEFT W/HINGE	33.T23V7.008
		LCD PANEL WITH LOGO-14"	60.T23V7.003
		LCD PANEL WITH LOGO-15"	60.T23V7.005
		LCD BEZEL 14"	60.T23V7.004
		LCD BEZEL 15"	60.T23V7.006
		LCD COAXIAL CABLE 14.1" FOR QDI	50.T23V7.011
		LCD COAXIAL CABLE 14.1" FOR SAMSUNG	50.T23V7.012
		LCD COAXIAL CABLE 14.1" FOR HANNSTAR	50.T23V7.013
		LCD COAXIAL CABLE 15" FOR AU XGA	50.T23V7.021
		LCD COAXIAL CABLE 15" FOR LG XGA	50.T23V7.022
		LCD COAXIAL CABLE 15" FOR SHARP XGA	50.T23V7.023
		LCD COAXIAL CABLE 15" FOR XGA CPT	50.T23V7.024
		LCD COAXIAL CABLE 15" FOR AU SXGA+	50.T23V7.025
		LCD COAXIAL CABLE 15" FOR LG SXGA+	50.T23V7.026
		LCD COAXIAL CABLE 15" FOR SHARP SXGA+	50.T23V7.027
		LCD COAXIAL CABLE 15" FOR CPT SXGA+	50.T23V7.028
Main Board			
	251-The System	TM650 (Z11S) MAINBOARD W/SMART CARD READER,PCMCIA SLOT,W/O CPU MEORY	MB.T2306.001
	NS	PCMCIA SLOT	21.T23V7.001
Memory			

Picture	No.	Partname And Description	Part Number
	NS	MEMORY SO-DIMM DDR266/128MB / INFINEON HYS64D16000GDL-7-B	KN.12802.004
		MEMORY SO-DIMM DDR266/256MB/0.14U / INFINEON HYS64D32020 GDL-7-B	KN.25602.001
		MEMORY SO-DIMM DDR266/256MB/0.15U / MICRON MT8VDDT3264HDG-265C3	KN.25604.004
		MEMORY SO-DIMM DDR266/256MB/0.14U / NANYA NT256D64SH8B0GM-75B	KN.25603.004
		MEMORY SO-DIMM DDR266/256MB/ ELPIDA W30256A6EP1652A	KN.25609.001
		MEMORY SO-DIMM DDR266/512MB/0.14U / INFINEON HYS64D64020GBDL-7-B	KN.51202.003
		MEMORY SO-DIMM DDR266/512MB/ MICRON MT16VDDS6464HG-265B4	KN.51204.002
Optical Drive			
		CD-ROM MODULE 24X QSI SCR-242-S	6M.T23V5.001
		CD-ROM MODULE 24X SAMSUNG SN-124P	6M.T23V5.002
		DVD-ROM MODULE 8X MKE SR-8178	6M.T23V5.003
		DVD-ROM MODULE 8X QSI SDR-083	6M.T23V5.004
		DVD-RW COMBO MODULE 24X QSI SBW-242	6M.T23V7.005
		DVD-RW COMBO MODULE 24X KME UJDA740	6M.T23V7.006
		CD-ROM DRIVE 24X QSI SCR-242-S	KD.24X03.001
		CD-ROM DRIVE 24X SAMSUNG SN-124P	KD.24X02.001
		DVD-ROM DRIVE 8X MKE SR-8178	KV.08X02.002
		DVD-ROM DRIVE 8X QSI SDR-083	KV.08X03.001
		DVD-RW COMBO DRIVE 24X QSI SBW-242	
		DVD-RW COMBO DRIVE 24X KME UJDA740	KO.24X03.001
		CD-ROM BEBEL FOR QSI	42.T23V7.004
		CD-ROM BEBEL FOR SAMSUNG	42.T23V7.005
		DVD-ROM BEZEL FOR MKE	42.T23V7.006
		DVD-ROM BEZEL FOR QSI	42.T23V7.007
		DVD-RW COMBO BEZEL FOR QSI	42.T23V7.008
		DVD-RW COMBO BEZEL FOR KME	42.T23V7.009
	NS	OPTICAL DEVICE BOARD	55.T23V7.003
		OPTICAL DEVICE BRACKET	33.T23V7.003
Pointing Device			

Picture	No.	Partname And Description	Part Number
		TOUCHPAD	56.T23V7.001
Speaker			
		SPEAKER SET	6K.T23V7.002
Heatsink			
		HEATSINK W/FAN	6K.T23V7.003
Reader			
		SMART CARD READER	60.T23V7.007
		4 IN 1 READER	6K.T23V7.004
Microphone			
		MICROPHONE	23.T23V7.001
Others			
		LCD LATCH W/O SPRING	6K.T23V7.005
		LCD SCREW RUBBER UPPER	47.T23V7.001
		LCD SCREW RUBBER LOWER	47.T23V7.002
Screws			
		NUT-I/O	86.T23V7.001
		SCREW M1.6X4.0-I-NI-NYLOK	86.T23V7.002
		SCREW M2.0X2.5-I-NI-NYLOK	86.T23V7.003
		SCREW M2.0X3.0-I-NI-NYLOK	86.T23V7.004
		SCREW M2.0X3.5-I-NI-NYLOK	86.T23V7.005
		SCREW M2.0X5-I-NI-NYLOK	86.T23V7.006
		SCREW M2.5X3-I-NI-NYLOK	86.T23V7.007
		SCREW M2.5X4.0-B-NI-NYLOK	86.T23V7.009
		SCREW M2.5X4-I-NYLOK	86.T23V7.010
		SCREW M2.5X5.0-I-NI-NYLOK	86.T23V7.011

Picture	No.	Partname And Description	Part Number
		SCREW M2.5X5.5-P-NI-NYLOK	86.T23V7.012
		SCREW M2.5X0.45+7I-NYLOK	86.T23V7.013
		SCREW M1.7X3.5-I-BZN	86.T23V7.014
		SCREW M2X3-I-BNI-NYLOK	86.T23V7.015
		SCREW M2.0X5.0-I-BNI-NYLOK	86.T23V7.016
		SCREW M2.0X6.0-I-NI-NYLOK	86.T23V7.017
		SCREW M2.5X2-I-NI-NYLOK	86.T23V7.018
		SCREW M2.5X4-I-BNI	86.T23V7.019