

UP42ML AVL V1.0

Category	Item	P/N	Description	Vendor	Stepping/ Firmware/ Version	Remark
1	SOC	28W(ULTRA 5)	01B115-120080	IC SOC.METEOR LAKE ULTRA 5-1.2G CO..BGA 2049P.1200MHz..14 CORES...TDP=28W....18M...(125H).SRMZ4,MM#99CDJZ.....HF.LEAD-FREE.INTEL	Intel	
		28w(UTRAL 7)	01B115-140990	IC SOC.METEOR LAKE ULTRA 7-1.4G CO.(BUY-ACER).BGA 2049P.1400MHz..16 CORES...TDP=28W....24M...(ULTRA 7-155H).SRMZ1,MM#99CDJV....KC.15501.H0M...HF.LEAD-FREE.INTEL	Intel	
		15W(ULTRA 5)	01B115-160070	IC SOC.METEOR LAKE ULTRA 5-1.6G CO..BGA 2049P.1600MHz..10 CORES...TDP=15W....12M...(ULTRA 5-135U).Q47T,MM#99CG08.....HF.LEAD-FREE.INTEL	Intel	
2	MB		89B386-XQ1011	M/B NB.UP42ML(1.0) MB..(125H/1.2G)...W/WIFI M.2 /SSD M.2(2280)/LAN/..CARDREADER(GL835L)/KB BL.W/O WIFI DYNM_SAR/FP/DTPM/RTC.....(BUY-ACER)..NB.JFW11.001.....LEAD-FREE.	ECS	
			89B386-XQ1021	M/B NB.UP42ML(1.0) MB..(155H/1.4G)...W/WIFI M.2 /SSD M.2(2280)/LAN/..CARDREADER(GL835L)/KB BL/RTC.W/O WIFI DYNM_SAR/FP/DTPM.....(BUY-ACER)..NB.JFW11.002.....LEAD-FREE.	ECS	
3	IO DB		89B306-XN6A01	CARD.UP42AL(1.0) IO BD.....W/USB 3.0/LAN(8111H)/LID/SMC.W/O PWR DB.....LEAD-FREE.	ECS	
4	Memory	DDR5 8GB	01B739-144890	IC SDRAM MODULE.8G.(1G*8*8)..SO-DIMM(FBGA).DD5H16GBMVS17-E6.DDR5.5600M.MV8GBA6S560HE1918C2H....HF.LEAD-FREE.DLI	DLI	
		DDR5 16GB	01B739-154870	IC SDRAM MODULE.16G.(2G*8*8)..SO-DIMM(FBGA).KTD5PS2G08ZN.DDR5.5600M.KTH-FG55PA8....HF.LEAD-FREE.KIMTIGO	Kimtigo	
5	Storage	PCIE 256GB	88-146-256484	SSD...256GB....PCI-E.....M8256GCB5ECS-E192...M.2(2280).IDLE=0.03W.HF.LEAD-FREE..PHISON	Phison	
		PCIE 512GB	88-146-512921	SSD...512GB....PCI-E.....M8512GSV7QECS-E272...M.2(2280)..HF.LEAD-FREE..PHISON	Phison	
			88-146-512806	SSD...512GB....PCI-E.....K8512GM28P3PA...M.2(2280).IDLE=0.56W.HF.LEAD-FREE..KIMTIGO	Kimtigo	
6	WiFi	RTL8852BE	88-105-004760	WLAN CARD.AWXB547NF(RTL8852BE).....PCI/USB...W/BLUETOOTH(V5.2),2T*2R.802.11a/b/g/n/ac/ax.ASPM.....M.2(2230)..HF.LEAD-FREE..AZUREWAVE	AZUREWAVE	
7	LCD	14" IPS NTSC 45%	09-014-374002	LCD.WXGA.14.1920*1200.0.15708mm....ANTI-GLARE TYPE.2061140QP8045003-52E.IPS,300nits,W/LED...HF.LEAD-FREE.STARRY	STARRY	
		14"IPS 100%SRGB	09-014-374001	LCD.WXGA.14.1920*1200.0.15708mm....ANTI-GLARE TYPE.2061140QP8045001-55E.IPS,300nits,W/LED...HF.LEAD-FREE.STARRY	STARRY	
			09-014-372004	LCD.TFT.14.1920*1200.0.15708mm....ANTI-GLARE TYPE.KD140N26-30NI-A002-A.IPS,300nits,W/LED...HF.LEAD-FREE.K&D	K&D	
8	CCD Module	2M	88-123-003838	PC CAM MODULE.OYGBSJCF7C..2M.....W/WHITE LED.....LEAD-FREE..OYT	OYT	
9	Battery	55Whr	13-212-465420	BATTERY.LI.11.55V.SE40-3S4656-U1U1..4656mAh...W/O CABLE,FRAME.....LEAD-FREE.UTL	UTL	
10	Adapter	65W US	82-247P020461	CHARGER.20V 65W.3.25A.(DUTY PAID).PD065E-D1C0AVU.US.BLACK,USB 3.0 TYPE C.....LEAD-FREE.MASS POWER	MASS POWER	
			82-247-020150	CHARGER.20V 65W.3.25A..PA-1650-58ED..USB 3.0 TYPE C.....LEAD-FREE.LITEON	Lite-on	
11	Touchpad	TP, w/o Fingerprint	88-120P100122	TOUCHPAD MODULE.TP165I-S10769H10...V1.1.(DUTY PAID).....LEAD-FREE..XINLING	XINLING	
12	Thermal	Heat Pipe	20-370PXQ1000	HEAT PIPE..(DUTY PAID)....W/MYLAR,PASTE....UP42ML.....LEAD-FREE.KQY	KQY	
		FAN	13-050PXM8970	FAN SET...(DUTY PAID).70*68*6.3mm L150mm(4P)...W/CABLE....LH4033..LEAD-FREE.HM	HM	