Upgrade review of HP EliteBook Folio 9470... #5e50efa2c4

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System	NixOS 23.05
Arch	x86_64
Kernel	6.1.31
Vendor	Hewlett-Packard »
Model	EliteBook Folio 9470m »
Year	2012
HWid	BFBCC
Type	notebook
DE	KDE5 (X11) - SDDM

BUS	ID / Class	Vendor	Device		Status
PCI	8086:0166:103c:18df » / 03-00-00	Intel Corporation	3rd Gen Core processor Graphics Controller	graphics card	installed
PCI	8086:1e20:103c:18df » / 04-03-00	Intel Corporation	7 Series/C216 Chipset Family High Definition Audio Controller	sound	installed
PCI	8086:088e:8086:4060 » / 02-80-00	Intel Corporation	Centrino Advanced-N 6235	network	installed ℹ
PCI	8086:1502:103c:18df » / 02-00-00	Intel Corporation	82579LM Gigabit Network Connection (Lewisville)	network	installed ℹ
PCI	14e4:4727:103c:1795 » / 02-80	Broadcom	BCM4313 802.11bgn Wireless Network Adapter	network	upgrade option ℹ
PCI	168c:0034:103c:1864 » / 02-80	Qualcomm Atheros	AR9462 Wireless Network Adapter	network	upgrade option ℹ
PCI	8086:0082:8086:1301 » / 02-80	Intel	Centrino Advanced-N 6205 [Taylor Peak]	network	upgrade option ℹ
PCI	8086:08b1:8086:4020 » / 02-80	Intel	Wireless 7260	network	upgrade option
PCI	8086:1502:103c:17aa » / 02-00	Intel	82579LM Gigabit Network Connection (Lewisville)	network	upgrade option
PCI	8086:1e03:103c:18df » / 01-06-01	Intel Corporation	7 Series Chipset Family 6-port SATA Controller [AHCI mode]	storage	installed
PCI	8086:1e01:103c:18df » / 01-01-8a	Intel	7 Series Chipset Family 4-port SATA Controller [IDE mode]	storage	upgrade option

PCI	8086:1e09:103c:18df » / 01-01-85	Intel	7 Series Chipset Family 2-port SATA Controller [IDE mode]	storage	upgrade option
PCI	8086:282a:103c:18df » / 01-04	Intel	82801 Mobile SATA Controller [RAID mode]	storage	upgrade option
PCI	8086:0154:103c:18df » / 06-00-00	Intel Corporation	3rd Gen Core processor DRAM Controller	bridge	installed
PCI	8086:1e10:103c:18df » / 06-04-00	Intel Corporation	7 Series/C216 Chipset Family PCI Express Root Port 1	bridge	installed
PCI	8086:1e14:103c:18df » / 06-04-00	Intel Corporation	7 Series/C210 Series Chipset Family PCI Express Root Port 3	bridge	installed
PCI	8086:1e16:103c:18df » / 06-04-00	Intel Corporation	7 Series/C216 Chipset Family PCI Express Root Port 4	bridge	installed
PCI	8086:1e55:103c:18df » / 06-01-00	Intel Corporation	QM77 Express Chipset LPC Controller	bridge	installed
PCI	8086:1e3a:103c:18df » / 07-80-00	Intel Corporation	7 Series/C216 Chipset Family MEI Controller #1	communication controller	installed
PCI	197b:2391:103c:18df » / 08-05-01	JMicron Technology Corp.	Standard SD Host Controller	sd host controller	installed ⓘ
PCI	8086:1e3d:103c:18df » / 07-00-02	Intel Corporation	7 Series/C210 Series Chipset Family KT Controller	serial controller (16550)	installed
PCI	8086:1e22:103c:18df » / 0c-05-00	Intel Corporation	7 Series/C216 Chipset Family SMBus Controller	smbus	installed
PCI	197b:2392:103c:18df » / 08-80-00	JMicron Technology Corp.	SD/MMC Host Controller	system peripheral	installed
PCI	8086:1e26:103c:18df » / 0c-03-20	Intel Corporation	7 Series/C216 Chipset Family USB Enhanced Host Controller #1	usb controller	installed
PCI	8086:1e2d:103c:18df » / 0c-03-20	Intel Corporation	7 Series/C216 Chipset Family USB Enhanced Host Controller #2	usb controller	installed
PCI	8086:1e31:103c:18df » / 0c-03-30	Intel Corporation	7 Series/C210 Series Chipset Family USB xHCI Host Controller	usb controller	installed
USB	047f:02f7 » / 01-01-00	Plantronics	BT600	sound	upgrade option
USB	0499:170a » / 01-01-20	Yamaha	Steinberg UR12	audio	upgrade option
USB	0b0e:0420 » / 01-01-00	GN Netcom	Jabra SPEAK 510	sound	upgrade option
USB	328f:1900 » / 01-01-00	eMeet Tech	eMeet M0	sound	upgrade option

USB	03f0:371d » / ff-ff-ff	Hewlett-Packard	un2430 Mobile Broadband Module	network	upgrade option
USB	03f0:411d » / ff-ff-ff	Hewlett-Packard	lt2522 Mobile Broadband Device	network	upgrade option ℹ
USB	0b05:184c » / ff-ff-ff	ASUSTek Computer	802.11ac NIC	network	upgrade option ℹ
USB	0b95:1790 » / ff-ff-00	ASIX Electronics	AX88179 Gigabit Ethernet	network	upgrade option ℹ
USB	0bda:8153 » / ff-ff-00	Realtek Semiconductor	RTL8153 Gigabit Ethernet Adapter	network	upgrade option ℹ
USB	2717:4106 » / ff-ff-ff	Xiaomi	MediaTek MT7601U [MI WiFi]	network	upgrade option
USB	8087:07da » / e0-01-01	Intel Corp.	Centrino Bluetooth Wireless Transceiver	bluetooth	installed ℹ
USB	0a5c:21e3 » / ff-01-01	Broadcom	HP Portable Valentine	bluetooth	upgrade option ℹ
USB	0cf3:311e » / e0-01-01	Qualcomm Atheros Communications	Qualcomm Atheros Bluetooth Device	bluetooth	upgrade option ℹ
USB	1f3a:1007 » / ff-ff-00	Allwinner Technology	Android		upgrade option
USB	05c8:034b » / 0e-01-00	Cheng Uei Precision Industry Co., Ltd (F...	HP HD Webcam [Fixed]	camera	installed
USB	045e:075d » / 0e-01-00	Microsoft	LifeCam Cinema	camera	upgrade option ℹ
USB	046d:0809 » / 0e-01-00	Logitech	Webcam Pro 9000	camera	upgrade option 💬
USB	046d:080f » / 0e-01-00	Logitech	Webcam C120	camera	upgrade option
USB	046d:081b » / 0e-01-00	Logitech	Webcam C310	camera	upgrade option
USB	04e8:6860 » / 06-01-01	Samsung Electronics	Galaxy series, misc. (MTP mode)	camera	upgrade option ℹ
USB	04f2:b346 » / 0e-01-00	Chicony Electronics	HP HD Webcam [Fixed]	camera	upgrade option
USB	13fd:0840 » / 08-02-50	Initio	INIC-1618L SATA	cdrom	upgrade option ℹ

USB	058f:9540 » / 0b-00-00	Alcor Micro	AU9540 Smartcard Reader	chipcard	upgrade option
USB	0480:0901 » / 08-06-50	Toshiba America	External USB 3.0	disk	upgrade option
USB	04b8:087e » / ff-ff-ff	Seiko Epson	WP-4595 Series	disk	upgrade option
USB	058f:6387 » / 08-06-50	Alcor Micro	Transcend	disk	upgrade option
USB	0781:5571 » / 08-06-50	SanDisk	Cruzer Fit	disk	upgrade option
USB	0781:5583 » / 08-06-50	SanDisk	Ultra Fit	disk	upgrade option
USB	0781:5591 » / 08-06-50	SanDisk	Ultra Flair	disk	upgrade option
USB	0930:6544 » / 08-06-50	Toshiba	TransMemory	disk	upgrade option
USB	0951:1653 » / 08-06-50	Kingston Technology	Data Traveler 100 G2 8 GiB	disk	upgrade option
USB	0951:1666 » / 08-06-50	Kingston Technology	DataTraveler 100 G3/G4/SE9 G2	disk	upgrade option
USB	0bc2:231a » / 08-06-50	Seagate	Expansion	disk	upgrade option
USB	1058:0827 » / 08-06-50	Western Digital Technologies	My Passport 0827	disk	upgrade option
USB	125f:c96a » / 08-06-50	A-DATA Technology	C906 Flash Drive	disk	upgrade option
USB	174c:55aa » / 08-06-50	ASMedia Technology	ASM1051E SATA 6Gb/s bridge, ASM1053E SATA 6Gb/s bridge, ASM1153 SATA 3Gb/s bridge, ASM1153E SATA 6Gb/s bridge	disk	upgrade option
USB	8644:8003 » / 08-06-50	Intenso GmbG	Micro Line	disk	upgrade option
USB	8888:7777 » / 08-06-50	Unknown (000000)	Externa	disk	upgrade option
USB	aaaa:8816 » / 08-06-50	MXT	Storage Device	disk	upgrade option
USB	04f3:0c28 » / ff-00-00	Elan Microelectronics	fingerprint sensor [FeinTech FPS00200]	fingerprint reader	upgrade option
USB	138a:003d » / ff-00-00	Validity Sensors	VFS491	fingerprint reader	upgrade option

USB	1d6b:0002 » / 09-00-00	Linux Foundation	2.0 root hub	hub	installed
USB	1d6b:0003 » / 09-00-00	Linux Foundation	3.0 root hub	hub	installed
USB	8087:0024 » / 09-00-00	Intel Corp.	Integrated Rate Matching Hub	hub	installed
USB	0424:2134 » / 09-00-01	Microchip Technology	Hub	hub	upgrade option
USB	0424:2422 » / 09-00-00	Microchip Technology	Hub	hub	upgrade option
USB	0424:5434 » / 09-00-00	Microchip Technology	Hub	hub	upgrade option
USB	0424:5534 » / 09-00-00	Microchip Technology	Hub	hub	upgrade option
USB	04b4:6570 » / 09-00-00	Cypress Semiconductor	Unprogrammed CY7C65632/34 hub HX2VL	hub	upgrade option
USB	058f:6254 » / 09-00-00	Alcor Micro	USB Hub	hub	upgrade option
USB	058f:9254 » / 09-00-00	Alcor Micro	Hub	hub	upgrade option
USB	05ac:1006 » / 09-00-00	Apple	Hub in Aluminum Keyboard	hub	upgrade option
USB	05e3:0604 » / 09-00-00	Genesys Logic	USB 1.1 Hub	hub	upgrade option
USB	05e3:0606 » / 09-00-00	Genesys Logic	USB 2.0 Hub / D-Link DUB-H4 USB 2.0 Hub	hub	upgrade option
USB	05e3:0608 » / 09-00-00	Genesys Logic	Hub	hub	upgrade option
USB	05e3:0610 » / 09-00-01	Genesys Logic	Hub	hub	upgrade option
USB	05e3:0612 » / 09-00-00	Genesys Logic	Hub	hub	upgrade option
USB	0a05:7220 » / 09-00-00		Hub	hub	upgrade option
USB	0b95:6804 » / 09-00-00	ASIX Electronics	AX68004	hub	upgrade option
USB	1a40:0101 » / 09-00-00	Terminus Technology	Hub	hub	upgrade option
USB	047f:0127 » / 03-00-00	Plantronics	Voyager Focus UC	human interface	upgrade option
USB	03f0:a407 » / 03-01-01	Hewlett-Packard	Wireless Optical Comfort Mouse	keyboard	upgrade option
USB	045e:0745 » / 03-01-01	Microsoft	Nano Transceiver v1.0 for Bluetooth	keyboard	upgrade option ⓘ

USB	045e:07b2 » / 03-01-01	Microsoft	2.4GHz Transceiver v8.0 used by mouse Wireless Desktop 900	keyboard	upgrade option 💬
USB	045e:07fd » / 03-01-01	Microsoft	Nano Transceiver 1.1	keyboard	upgrade option
USB	0461:0010 » / 03-01-01	Primax Electronics	HP PR1101U / Primax PMX-KPR1101U Keyboard	keyboard	upgrade option
USB	046d:c31c » / 03-01-01	Logitech	Keyboard K120	keyboard	upgrade option 💬
USB	046d:c52b » / 03-01-01	Logitech	Unifying Receiver	keyboard	upgrade option 💬
USB	046d:c52e » / 03-01-01	Logitech	MK260 Wireless Combo Receiver	keyboard	upgrade option
USB	046d:c534 » / 03-01-01	Logitech	Unifying Receiver	keyboard	upgrade option 💬
USB	04fc:05d8 » / 03-01-01	Sunplus Technology	Wireless keyboard/mouse	keyboard	upgrade option
USB	05ac:0250 » / 03-01-01	Apple	Aluminium Keyboard (ISO)	keyboard	upgrade option
USB	05af:0802 » / 03-01-01	Jing-Mold Enterprise	USB Keyboard	keyboard	upgrade option
USB	062a:4101 » / 03-01-01	MosArt Semiconductor	Wireless Keyboard/Mouse	keyboard	upgrade option
USB	09da:90a0 » / 03-01-01	A4Tech	USB Device	keyboard	upgrade option
USB	0b95:6801 » / 03-01-01	ASIX Electronics	AX68004	keyboard	upgrade option
USB	1532:025e » / 03-01-01	Razer USA	Razer Cynosa V2	keyboard	upgrade option
USB	1ea7:0066 » / 03-01-01	SHARKOON Technologies	[Mediatrack Edge Mini Keyboard]	keyboard	upgrade option
USB	413c:2003 » / 03-01-01	Dell	Keyboard SK-8115	keyboard	upgrade option
USB	413c:2113 » / 03-01-01	Dell	KB216 Wired Keyboard	keyboard	upgrade option ℹ️
USB	03f0:3d1d » / 02-08-00	Hewlett-Packard	hs2350 HSPA+ MobileBroadband	modem	upgrade option
USB	12d1:1506 » / ff-02-10	Huawei Technologies	Modem/Networkcard	modem	upgrade option 💬
USB	0461:4d65 » / 03-01-02	Primax Electronics	USB Optical Mouse	mouse	upgrade option

USB	0461:4e54 » / 03-01-02	Primax Electronics	Tiger USB Optical Mouse	mouse	upgrade option
USB	046d:c05a » / 03-01-02	Logitech	M90/M100 Optical Mouse	mouse	upgrade option 💬
USB	046d:c063 » / 03-01-02	Logitech	DELL Laser Mouse	mouse	upgrade option 💬
USB	04ca:0061 » / 03-01-02	Lite-On Technology	USB Optical Mouse	mouse	upgrade option
USB	04ca:009b » / 03-01-01	Lite-On Technology	Wireless Device	mouse	upgrade option
USB	04d9:0499 » / 03-01-02	Holtek Semiconductor	Optical Mouse	mouse	upgrade option
USB	093a:2521 » / 03-01-02	Pixart Imaging	Optical Mouse	mouse	upgrade option 💬
USB	145f:022b » / 03-01-02	Trust	GXT 117 STRIKE	mouse	upgrade option
USB	145f:026e » / 03-01-02	Trust	GXT 133 Gaming Mouse	mouse	upgrade option
USB	1532:005c » / 03-01-02	Razer USA	DeathAdder Elite	mouse	upgrade option
USB	1bcf:0007 » / 03-01-02	Sunplus Innovation Technology	Optical Mouse	mouse	upgrade option
USB	1ea7:0064 » / 03-01-02	SHARKOON Technologies	2.4G Mouse	mouse	upgrade option 💬
USB	248a:8514 » / 03-01-02	Maxxter	Wireless Receiver	mouse	upgrade option ℹ️
USB	24ae:1100 » / 03-01-02	Shenzhen Rapoo Technology	Rapoo 2.4G Wireless Device	mouse	upgrade option
USB	25a7:fa23 » / 03-01-01	Areson Technology	2.4G Receiver	mouse	upgrade option
USB	30fa:0400 » / 03-01-01	Instant Microelectronics	USB OPTICAL MOUSE	mouse	upgrade option
USB	413c:301a » / 03-01-02	Dell	Dell MS116 Optical Mouse	mouse	upgrade option ℹ️
USB	04b8:08d2 » / ff-ff-ff	Seiko Epson	L365 Series	printer	upgrade option
USB	04f9:0424 » / 07-01-02	Brother Industries	DCP-L2550DW series	printer	upgrade option

USB	05c6:9008 » / ff-ff-10	Qualcomm	Gobi Wireless Modem (QDL mode)	serial controller	upgrade option
USB	0c4b:0400 » / ff-00-00	Reiner SCT Kartensysteme	cyberJack e-com(a)	unknown	upgrade option
USB	17e9:4301 » / ff-00-03	DisplayLink	USB3 to HDMI	unknown	upgrade option
EISA	au-optronics-auo253c »	AU Optronics	LCD Monitor AUO253C 1366x768 309x173mm 13.9-inch	monitor	installed
EISA	acer-acr03e1 »	Acer	K222HQL ACR03E1 1920x1080 477x268mm 21.5-inch	monitor	upgrade option
EISA	acer-acr0520 »	Acer	H277HK ACR0520 3840x2160 597x336mm 27.0-inch	monitor	upgrade option
EISA	au-optronics-auo283c »	AU Optronics	LCD Monitor AUO283C 1366x768 309x173mm 13.9-inch	monitor	upgrade option
EISA	au-optronics-auo313e »	AU Optronics	LCD Monitor AUO313E 1600x900 309x174mm 14.0-inch	monitor	upgrade option
EISA	benq-bnq78ce »	BenQ	GL2460 BNQ78CE 1920x1080 531x299mm 24.0-inch	monitor	upgrade option
EISA	boe-boe07e2 »	BOE	LCD Monitor BOE07E2 1366x768 320x187mm 14.6-inch	monitor	upgrade option
EISA	chimei-innolux-cmn1477 »	Chimei Innolux	LCD Monitor CMN1477 1366x768 309x174mm 14.0-inch	monitor	upgrade option
EISA	chimei-innolux-cmn1484 »	Chimei Innolux	LCD Monitor CMN1484 1600x900 310x174mm 14.0-inch	monitor	upgrade option
EISA	chimei-innolux-cmn14a1 »	Chimei Innolux	LCD Monitor CMN14A1 1366x768 309x174mm 14.0-inch	monitor	upgrade option
EISA	dell-delf044 »	Dell	E2313H DELF044 1920x1080 509x286mm 23.0-inch	monitor	upgrade option
EISA	fujitsu-siemens-fus0552 »	Fujitsu Siemens	P19-2 FUS0552 1280x1024 376x301mm 19.0-inch	monitor	upgrade option
EISA	goldstar-gsm583a »	Goldstar	E2411 GSM583A 1920x1080 477x268mm 21.5-inch	monitor	upgrade option

EISA	goldstar-gsm7757 »	Goldstar	HDR WFHD GSM7757 2560x1080 798x334mm 34.1-inch	monitor	upgrade option
EISA	hp-hwp285a »	Hewlett-Packard	LCD Monitor HWP285A 1920x1080 470x270mm 21.3-inch	monitor	upgrade option
EISA	hp-hwp2954 »	Hewlett-Packard	ZR2440w HWP2954 1920x1200 518x324mm 24.1-inch	monitor	upgrade option
EISA	hp-hwp3038 »	Hewlett-Packard	27xi HWP3038 1920x1080 600x340mm 27.2-inch	monitor	upgrade option
EISA	lg-display-lgd03d2 »	LG Display	LCD Monitor LGD03D2 1366x768 309x174mm 14.0-inch	monitor	upgrade option
EISA	marantz-mji003e »	Marantz	AVR MJI003E 1920x1080 1328x747mm 60.0-inch	monitor	upgrade option
EISA	philips-phl08c5 »	Philips	272P4 PHL08C5 2560x1440 597x336mm 27.0-inch	monitor	upgrade option
EISA	philips-phlc213 »	Philips	PHL 271V8 PHLC213 1920x1080 598x336mm 27.0-inch	monitor	upgrade option
EISA	samsung-sam0bc8 »	Samsung Electronics	S27D850 SAM0BC8 2560x1440 598x336mm 27.0-inch	monitor	upgrade option
EISA	samsung-sdc4942 »	Samsung Electronics	LCD Monitor SDC4942 1366x768 309x174mm 14.0-inch	monitor	upgrade option
EISA	sanyo-san0000 »	SANYO	LCD SAN0000 1920x1080 890x500mm 40.2-inch	monitor	upgrade option
SYS	hewlett-packard-primary-li-ion-58-wh [51F] »	Hewlett-Packard	Primary Li-ion 58 Wh	battery	installed
SYS	hewlett-packard-primary-li-ion »	Hewlett-Packard	Primary Li-ion	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-10-wh »	Hewlett-Packard	Primary Li-ion 10 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-11-wh »	Hewlett-Packard	Primary Li-ion 11 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-12-wh »	Hewlett-Packard	Primary Li-ion 12 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-14-wh »	Hewlett-Packard	Primary Li-ion 14 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-16-wh »	Hewlett-Packard	Primary Li-ion 16 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-17-wh »	Hewlett-Packard	Primary Li-ion 17 Wh	battery	upgrade option

SYS	hewlett-packard-primary-li-ion-20-wh »	Hewlett-Packard	Primary Li-ion 20 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-23-wh »	Hewlett-Packard	Primary Li-ion 23 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-24-wh »	Hewlett-Packard	Primary Li-ion 24 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-26-wh »	Hewlett-Packard	Primary Li-ion 26 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-27-wh »	Hewlett-Packard	Primary Li-ion 27 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-28-wh »	Hewlett-Packard	Primary Li-ion 28 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-29-wh »	Hewlett-Packard	Primary Li-ion 29 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-30-wh »	Hewlett-Packard	Primary Li-ion 30 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-31-wh »	Hewlett-Packard	Primary Li-ion 31 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-32-wh »	Hewlett-Packard	Primary Li-ion 32 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-33-wh »	Hewlett-Packard	Primary Li-ion 33 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-34-wh »	Hewlett-Packard	Primary Li-ion 34 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-36-wh »	Hewlett-Packard	Primary Li-ion 36 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-37-wh »	Hewlett-Packard	Primary Li-ion 37 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-38-wh »	Hewlett-Packard	Primary Li-ion 38 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-39-wh »	Hewlett-Packard	Primary Li-ion 39 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-40-wh »	Hewlett-Packard	Primary Li-ion 40 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-41-wh »	Hewlett-Packard	Primary Li-ion 41 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-42-wh »	Hewlett-Packard	Primary Li-ion 42 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-43-wh »	Hewlett-Packard	Primary Li-ion 43 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-44-wh »	Hewlett-Packard	Primary Li-ion 44 Wh	battery	upgrade option

SYS	hewlett-packard-primary-li-ion-45-wh »	Hewlett-Packard	Primary Li-ion 45 Wh	battery	upgrade option ⓘ
SYS	hewlett-packard-primary-li-ion-46-wh »	Hewlett-Packard	Primary Li-ion 46 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-47-wh »	Hewlett-Packard	Primary Li-ion 47 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-48-wh »	Hewlett-Packard	Primary Li-ion 48 Wh	battery	upgrade option ⓘ
SYS	hewlett-packard-primary-li-ion-49-wh »	Hewlett-Packard	Primary Li-ion 49 Wh	battery	upgrade option ⓘ
SYS	hewlett-packard-primary-li-ion-50-wh »	Hewlett-Packard	Primary Li-ion 50 Wh	battery	upgrade option ⓘ
SYS	hewlett-packard-primary-li-ion-51-wh »	Hewlett-Packard	Primary Li-ion 51 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-52-wh »	Hewlett-Packard	Primary Li-ion 52 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-53-wh »	Hewlett-Packard	Primary Li-ion 53 Wh	battery	upgrade option
SYS	hewlett-packard-primary-li-ion-55-wh »	Hewlett-Packard	Primary Li-ion 55 Wh	battery	upgrade option ⓘ
SYS	hewlett-packard-68ibd-ver-f-31-11-05-2012	Hewlett-Packard	BIOS 68IBD Ver. F.31 11/05/2012	bios	installed
SYS	hewlett-packard-68ibd-ver-f-30-09-24-2012 »	Hewlett-Packard	BIOS 68IBD Ver. F.30 09/24/2012	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-40-02-01-2013 »	Hewlett-Packard	BIOS 68IBD Ver. F.40 02/01/2013	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-44-05-22-2013 »	Hewlett-Packard	BIOS 68IBD Ver. F.44 05/22/2013	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-46-07-16-2013 »	Hewlett-Packard	BIOS 68IBD Ver. F.46 07/16/2013	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-47-10-08-2013 »	Hewlett-Packard	BIOS 68IBD Ver. F.47 10/08/2013	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-48-01-13-2014 »	Hewlett-Packard	BIOS 68IBD Ver. F.48 01/13/2014	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-50-08-06-2014 »	Hewlett-Packard	BIOS 68IBD Ver. F.50 08/06/2014	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-60-01-09-2015 »	Hewlett-Packard	BIOS 68IBD Ver. F.60 01/09/2015	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-61-04-08-2015 »	Hewlett-Packard	BIOS 68IBD Ver. F.61 04/08/2015	bios	upgrade option

SYS	hewlett-packard-68ibd-ver-f-62-10-22-2015 »	Hewlett-Packard	BIOS 68IBD Ver. F.62 10/22/2015	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-66-04-06-2017 »	Hewlett-Packard	BIOS 68IBD Ver. F.66 04/06/2017	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-67-07-13-2017 »	Hewlett-Packard	BIOS 68IBD Ver. F.67 07/13/2017	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-69-02-13-2018 »	Hewlett-Packard	BIOS 68IBD Ver. F.69 02/13/2018	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-70-04-12-2018 »	Hewlett-Packard	BIOS 68IBD Ver. F.70 04/12/2018	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-71-05-30-2018 »	Hewlett-Packard	BIOS 68IBD Ver. F.71 05/30/2018	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-72-07-27-2018 »	Hewlett-Packard	BIOS 68IBD Ver. F.72 07/27/2018	bios	upgrade option
SYS	hewlett-packard-68ibd-ver-f-73-04-12-2019 »	Hewlett-Packard	BIOS 68IBD Ver. F.73 04/12/2019	bios	upgrade option
SYS	intel-6-58-9-core-i7-3667u »	Intel	Core i7-3667U CPU @ 2.00GHz	cpu	installed
SYS	intel-6-58-9-core-i3-3227u »	Intel	Core i3-3227U CPU @ 1.90GHz	cpu	upgrade option
SYS	intel-6-58-9-core-i5-3337u »	Intel	Core i5-3337U CPU @ 1.80GHz	cpu	upgrade option
SYS	intel-6-58-9-core-i5-3427u »	Intel	Core i5-3427U CPU @ 1.80GHz	cpu	upgrade option
SYS	intel-6-58-9-core-i5-3437u »	Intel	Core i5-3437U CPU @ 1.90GHz	cpu	upgrade option
SYS	intel-6-58-9-core-i7-3687u »	Intel	Core i7-3687U CPU @ 2.10GHz	cpu	upgrade option
SYS	samsung-m471b5273dh0-ck0-sodimm [12E] »	Samsung	RAM M471B5273DH0-CK0 4GB SODIMM DDR3 1600MT/s	memory	installed
SYS	samsung-m471b5273dh0-ck0-sodimm [161] »	Samsung	RAM M471B5273DH0-CK0 4GB SODIMM DDR3 1600MT/s	memory	installed
SYS	adata-am1l16bc4r1-b1gs-sodimm »	A-DATA Technology	RAM AM1L16BC4R1-B1GS 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	adata-am1l16bc8r2-b1qs-sodimm »	A-DATA Technology	RAM AM1L16BC8R2-B1QS 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	axiom-memory-sodimm »	Axiom	RAM MEMORY 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	corsair-cmsa8gx3m1a1600c11-sodimm »	Corsair	RAM CMSA8GX3M1A1600C11 8GB SODIMM DDR3 1600MT/s	memory	upgrade option

SYS	crucial-ct102464bf160b-c16-sodimm »	Crucial	RAM CT102464BF160B.C16 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	crucial-ct51264bf160b-c16f-sodimm »	Crucial	RAM CT51264BF160B.C16F 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	elpida-ebj21ue8bds0-dj-f-sodimm »	Elpida	RAM EBJ21UE8BDS0-DJ-F 2GB SODIMM DDR3 1334MT/s	memory	upgrade option
SYS	hynix-hyundai-hmt351s6cfr8c-pb-sodimm »	SK hynix	RAM HMT351S6CFR8C-PB 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	hynix-hyundai-hmt351s6efr8a-pb-sodimm »	SK hynix	RAM HMT351S6EFR8A-PB 4096MB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	hynix-hyundai-hmt351s6efr8c-pb-sodimm »	SK hynix	RAM HMT351S6EFR8C-PB 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	hynix-hyundai-hmt41gs6bfr8a-pb-sodimm »	SK hynix	RAM HMT41GS6BFR8A-PB 8192MB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	hynix-hyundai-hmt41gs6mfr8c-pb-sodimm »	SK hynix	RAM HMT41GS6MFR8C-PB 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	kingston-9905428-095-d00lf-sodimm »	Kingston	RAM 9905428-095.D00LF 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	kingston-99u5428-018-a00lf-sodimm »	Kingston	RAM 99U5428-018.A00LF 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	kingston-hp16d3ls1kbg-4g-sodimm »	Kingston	RAM HP16D3LS1KBG/4G 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	kingston-hp16d3ls1kfg-4g-sodimm »	Kingston	RAM HP16D3LS1KFG/4G 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	kingston-hp16d3ls1kfg-8g-sodimm »	Kingston	RAM HP16D3LS1KFG/8G 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	micron-16ktf51264hz-1g6m1-sodimm »	Micron Technology	RAM 16KTF51264HZ-1G6M1 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	micron-8ktf51264hz-1g6e1-sodimm »	Micron Technology	RAM 8KTF51264HZ-1G6E1 4GB SODIMM DDR3 1600MT/s	memory	upgrade option

SYS	nanya-nt4gc64b8hg0ns-di-sodimm »	Nanya Technology	RAM NT4GC64B8HG0NS-DI 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	ramaxel-rmt3160ed58e9w1600-sodimm »	Ramaxel Technology	RAM RMT3160ED58E9W1600 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b1g73bh0-yk0-sodimm »	Samsung Electronics	RAM M471B1G73BH0-YK0 8GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b1g73db0-yk0-sodimm »	Samsung Electronics	RAM M471B1G73DB0-YK0 8GB SODIMM DDR3 1600MT/s	memory	upgrade option 💬
SYS	samsung-m471b1g73qh0-yk0-sodimm »	Samsung Electronics	RAM M471B1G73QH0-YK0 8GB SODIMM DDR3 1867MT/s	memory	upgrade option
SYS	samsung-m471b5173bh0-yk0-sodimm »	Samsung Electronics	RAM M471B5173BH0-YK0 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b5173cb0-yk0-sodimm »	Samsung Electronics	RAM M471B5173CB0-YK0 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b5173db0-yk0-sodimm »	Samsung Electronics	RAM M471B5173DB0-YK0 4GB SODIMM DDR3 1600MT/s	memory	upgrade option 💬
SYS	samsung-m471b5173qh0-yk0-sodimm »	Samsung Electronics	RAM M471B5173QH0-YK0 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b5273ch0-ch9-sodimm »	Samsung Electronics	RAM M471B5273CH0-CH9 4GB SODIMM DDR3 1334MT/s	memory	upgrade option
SYS	samsung-m471b5273ch0-ck0-sodimm »	Samsung Electronics	RAM M471B5273CH0-CK0 4GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b5273ch0-yk0-sodimm »	Samsung Electronics	RAM M471B5273CH0-YK0 4096MB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	samsung-m471b5273dh0-ch9-sodimm »	Samsung Electronics	RAM M471B5273DH0-CH9 4GB SODIMM DDR3 1334MT/s	memory	upgrade option
SYS	samsung-m471b5773chs-ck0-sodimm »	Samsung Electronics	RAM M471B5773CHS-CK0 2GB SODIMM DDR3 1600MT/s	memory	upgrade option
SYS	hewlett-packard-18df »	Hewlett-Packard	Motherboard 18DF	motherboard	installed
INT	6015-0001-sd-controller-0 »	Unknown	SD Controller 0	mmc controller	upgrade option 💬

PS/2	ps/2:0001-0001-at-translated-set-2-keyboard »		AT Translated Set 2 keyboard	keyboard	installed
PS/2	ps/2:0002-0001-ps-2-generic-mouse »		PS/2 Generic Mouse	mouse	installed
PS/2	ps/2:synaptics-0007-synps-2-touchpad »	Synaptics	SynPS/2 TouchPad	touchpad	installed
SCSI	external »	Unknown	External 1TB	disk	upgrade option ⓘ
SCSI	seagate-expansion »	Seagate	Expansion 2TB	disk	upgrade option ⓘ
SCSI	toshiba-thnsnj256g8ny »	Toshiba	THNSNJ256G8NY 256GB SSD	disk	upgrade option
MMC	mmc-card-64gb »	Unknown	MMC Card 64GB	disk	upgrade option ⓘ
MMC	mmc-card-976mb »	Unknown	MMC Card 976MB	disk	upgrade option
MMC	sd02g-2gb »	Unknown	SD02G 2GB	disk	upgrade option
MMC	sd04g-4gb »	Unknown	SD04G 4GB	disk	upgrade option
SERIAL	serial-console »		serial console	keyboard	installed 💬
IDE	samsung-ssd-870-evo-500gb [19C] »	Samsung	SSD 870 EVO 500GB	disk	installed ⓘ
IDE	adata-su650-120gb »	A-DATA Technology	SU650 120GB SSD	disk	upgrade option ⓘ
IDE	adata-su800-128gb »	A-DATA Technology	SU800 128GB SSD	disk	upgrade option ⓘ
IDE	apacer-as350-256gb »	Apacer	AS350 256GB SSD	disk	upgrade option
IDE	clover-cn-m640mbb-g267m8b640g7w122 »	CLOVER	CN-M640MBB G267M8B640G7W122 640GB	disk	upgrade option
IDE	crucial-ct250mx200ssd3 »	Crucial	CT250MX200SSD3 250GB	disk	upgrade option
IDE	crucial-ct500mx500ssd1 »	Crucial	CT500MX500SSD1 500GB	disk	upgrade option ⓘ
IDE	dogfish-ssd-256gb »	Dogfish	SSD 256GB	disk	upgrade option ⓘ

IDE	gigabyte-gp-gstfs31240gntd »	Gigabyte Technology	GP-GSTFS31240GNTD 240GB SSD	disk	upgrade option
IDE	goodram-ssdpr-cl100-120 »	GOODRAM	SSDPR-CL100-120 120GB	disk	upgrade option
IDE	hgst-hts545050a7e680 »	HGST	HTS545050A7E680 500GB	disk	upgrade option ⓘ
IDE	hgst-hts725032a7e630 »	HGST	HTS725032A7E630 320GB	disk	upgrade option ⓘ
IDE	hgst-hts725050a7e630 »	HGST	HTS725050A7E630 500GB	disk	upgrade option ⓘ
IDE	hitachi-hts725050a7e630 »	Hitachi	HTS725050A7E630 500GB	disk	upgrade option ⓘ
IDE	hyundai-c2s3t-480g »	SK hynix	C2S3T/480G 480GB SSD	disk	upgrade option
IDE	intel-ssdsc2bf180a4h »	Intel	SSDSC2BF180A4H 180GB	disk	upgrade option ⓘ
IDE	intel-ssdsc2bw180a3h »	Intel	SSDSC2BW180A3H 180GB	disk	upgrade option ⓘ
IDE	intenso-480gb »	Intenso	480GB	disk	upgrade option
IDE	kingston-sa400s37120g »	Kingston	SA400S37120G 120GB SSD	disk	upgrade option ⓘ
IDE	kingston-sa400s37240g »	Kingston	SA400S37240G 240GB SSD	disk	upgrade option ⓘ
IDE	kingston-skc600ms256g »	Kingston	SKC600MS256G 256GB SSD	disk	upgrade option
IDE	kingston-sms200s3240g »	Kingston	SMS200S3240G 240GB SSD	disk	upgrade option ⓘ
IDE	kingston-suv400s37120g »	Kingston	SUV400S37120G 120GB SSD	disk	upgrade option ⓘ
IDE	kingston-sv300s37a480g »	Kingston	SV300S37A480G 480GB SSD	disk	upgrade option ⓘ
IDE	liteonit-lcs-128m6s-hp »	LITEONIT	LCS-128M6S-HP 128GB SSD	disk	upgrade option ⓘ
IDE	liteonit-lms-32l6m-hp »	LITEONIT	LMS-32L6M-HP 32GB SSD	disk	upgrade option

IDE	liteonit-lmt-256m6m-hp »	LITEONIT	LMT-256M6M-HP 256GB SSD	disk	upgrade option ⓘ
IDE	micron-m510-msata-256gb »	Micron Technology	M510_MSATA 256GB SSD	disk	upgrade option
IDE	micron-mtfddak256mam-1k12 »	Micron Technology	MTFDDAK256MAM-1K12 256GB SSD	disk	upgrade option ⓘ
IDE	micron-mtfddak256may-1ah12abha »	Micron Technology	MTFDDAK256MAY-1AH12ABHA 256GB SSD	disk	upgrade option ⓘ
IDE	plextor-px-256m6m »	Plextor	PX-256M6M 256GB SSD	disk	upgrade option ⓘ
IDE	samsung-mz7pa128hmcd-010h1 »	Samsung Electronics	MZ7PA128HMCD-010H1 128GB SSD	disk	upgrade option ⓘ
IDE	samsung-mz7pd128hcfv-000h1 »	Samsung Electronics	MZ7PD128HCFV-000H1 128GB SSD	disk	upgrade option
IDE	samsung-mz7pd256hafv-000h7 »	Samsung Electronics	MZ7PD256HAFV-000H7 256GB SSD	disk	upgrade option
IDE	samsung-mzmpc032hbcd-000h1 »	Samsung Electronics	MZMPC032HBCD-000H1 32GB SSD	disk	upgrade option ⓘ
IDE	samsung-mzmpc032hbcd-000l1 »	Samsung Electronics	MZMPC032HBCD-000L1 32GB SSD	disk	upgrade option
IDE	samsung-mzmpc256hbgj-000h1 »	Samsung Electronics	MZMPC256HBGJ-000H1 256GB SSD	disk	upgrade option
IDE	samsung-mzmpd256hagm-000h1 »	Samsung Electronics	MZMPD256HAGM-000H1 256GB SSD	disk	upgrade option
IDE	samsung-ssd-850-evo-250gb »	Samsung Electronics	SSD 850 EVO 250GB	disk	upgrade option ⓘ
IDE	samsung-ssd-850-pro-512gb »	Samsung Electronics	SSD 850 PRO 512GB	disk	upgrade option ⓘ
IDE	samsung-ssd-860-evo-msata-500gb »	Samsung Electronics	SSD 860 EVO mSATA 500GB	disk	upgrade option
IDE	samsung-ssd-860-qvo-1tb »	Samsung Electronics	SSD 860 QVO 1TB	disk	upgrade option ⓘ
IDE	samsung-ssd-pm851-msata-128gb »	Samsung Electronics	SSD PM851 mSATA 128GB	disk	upgrade option
IDE	sandisk-sd5sb2-128g-1006e »	SanDisk	SD5SB2-128G-1006E 128GB SSD	disk	upgrade option

IDE	sandisk-sd6sb1m-128g-1006 »	SanDisk	SD6SB1M-128G-1006 128GB SSD	disk	upgrade option ⓘ
IDE	sandisk-sd7tb3q-256g-1006 »	SanDisk	SD7TB3Q-256G-1006 256GB SSD	disk	upgrade option
IDE	sandisk-sd8sb8u-128g-1006 »	SanDisk	SD8SB8U-128G-1006 128GB SSD	disk	upgrade option
IDE	sandisk-sdssdh3256g »	SanDisk	SDSSDH3256G 256GB	disk	upgrade option
IDE	seagate-st2000lx001-1rg174 »	Seagate	ST2000LX001-1RG174 2TB	disk	upgrade option ⓘ
IDE	seagate-st320lt007-9zv142 »	Seagate	ST320LT007-9ZV142 320GB	disk	upgrade option ⓘ
IDE	seagate-st500lm000-1ej162 »	Seagate	ST500LM000-1EJ162 500GB	disk	upgrade option ⓘ
IDE	seagate-st500lm021-1kj152 »	Seagate	ST500LM021-1KJ152 500GB	disk	upgrade option ⓘ
IDE	seagate-st500lt012-1dg142 »	Seagate	ST500LT012-1DG142 500GB	disk	upgrade option ⓘ
IDE	sk-hynix-hfs032g34mnc-2200a »	SK hynix	HFS032G34MNC-2200A 32GB SSD	disk	upgrade option ⓘ
IDE	team-tim3f49256gmba04ma »	Team	TIM3F49256GMBA04MA 256GB SSD	disk	upgrade option
IDE	toshiba-mq01abf050 »	Toshiba	MQ01ABF050 500GB	disk	upgrade option ⓘ
IDE	toshiba-q300-pro-512gb »	Toshiba	Q300 Pro. 512GB SSD	disk	upgrade option
IDE	transcend-ts128gmsa370 »	Transcend	TS128GMSA370 128GB SSD	disk	upgrade option
IDE	wdc-wd10spzx-75z10t3 »	WDC	WD10SPZX-75Z10T3 1TB	disk	upgrade option ⓘ
IDE	wdc-wds240g2g0a-00jh30 »	WDC	WDS240G2G0A-00JH30 240GB SSD	disk	upgrade option ⓘ
IDE	wdc-wds250g1b0a-00h9h0 »	WDC	WDS250G1B0A-00H9H0 250GB SSD	disk	upgrade option ⓘ
IDE	wdc-wds500g2b0a-00sm50 »	WDC	WDS500G2B0A-00SM50 500GB SSD	disk	upgrade option ⓘ