

2.5G, 5G, 10G Base-T

Compatibility list between BOTHHAND's discrete LAN Magnetics and PHY Chips

Data rate	PHY IC brand and P/N	"Bothhand P/N applied to Notebook"	Bothhand P/N applied to networking		
			Single Port	Dual Port	Quad Port
Intel					
2.5G	GPY211		QVP2014R		
	I225		AGST5009B		
Marvell					
10G	88X3120		10G1SB01	10G2SA01	
	88X3140		10G1SB01	10G2SA01	10G4PB01
	88X3240P		10G1SB01	10G2SA01	10G4PB01
	88X3340P		10G1SB01 10G1SC01R		
	88X3310P		10G1SB01	10G2SA01	10G4PB01
2.5G/5G	88E2010		QVP2014R QVP6014R		
	88E2040L		QVP2014R QVP6014R	QGS2015R QGS6015R	QGU4229R QGU4629R
	88E2180		QVP2014R QVP6014R	QGS2015R QGS6015R	QGU4229R QGU4629R
	88E2110		QVP2014R QVP6014R		
Broadcom					
10G	BCM 84848		10G1SB01	10G2SA01	10G4PB01
	BCM 84883		10G1SB01	10G2SA01	
	BCM 84888		10G1SB01	10G2SA01	10G4PB01
5G	BCM 54994			QGS9015RM	
2.5G/5G	BCM 84884		QVP2014R QVP6014R	QGS2015R QGS6015R	QGU4229R QGU4629R
	BCM 84880		QVP2014R QVP2017R QVP6014R QVP7014R		
2.5G	BCM 53547				QGU4729RA
	BCM 54991		QVP2014R		
	BCM 54998				QGU4629R QGU4729RA
	BCM 56160				QGU4629R
	BCM 63153		QVP2014R		
	BCM 63158		QVP2014R		
Aquantia					
10G	AQR107		10G1SB01 10G1SB01P		
	AQR407		10G1SB01 10G1SB01P	10G2SA01 10G2SA01P	10G4PB01 10G4PB01P
	AQR105		10G1SB01 10G1SB01P		
	AQR205		10G1SB01 10G1SB01P	10G2SA01 10G2SA01P	
	AQR405		10G1SB01 10G1SB01P	10G2SA01 10G2SA01P	10G4PB01 10G4PB01P

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			Single Port	Dual Port	Quad Port
Aquantia					
5G	AQR108		QVP2014R QVP6014R		
	AQR408		QVP2014R QVP6014R	QGS2015R QGS6015R	QGU4229R QGU4629R
2.5G	AQR109		QVPR2014R QVPR6014R QBVP2014R QBVP6014R AGST5009B		
	AQR409		QVPR2014R QVPR6014R QBVP2014R QBVP6014R AGST5009B	AGS2014R AGS6014R AGS2015R AGS6015R	AGP5929
	AQR809		QVPR2014R QVPR6014R QBVP2014R QBVP6014R AGST5009B	AGS2014R AGS6014R AGS2015R AGS6015R	AGP5929
	AQR112C		QVPR2014R QVPR6014R AGST5009B		
Qualcomm(Atheros)					
2.5G	QCA8081		QVPR2014R QVPR6014R		
Realtek					
2.5G	RTL8125		QVPR2014 AGST5009B		
Killer					
2.5G	E3000		AGST5009B		

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Data rate	PHY IC brand and P/N	"Bothhand P/N applied to Notebook"	Bothhand P/N applied to networking		
			Single Port	Dual Port	Quad Port
Mstar(MTK group)					
10/100	MSD57xx(STB)		TS21C HF		
	MSD8xxKCVF(DTV)		TS21C HF		
	MSD489(DTV)		TS21C HF		
1000	MSD7Cx9(STB)		GST5009 LF		
"EcoNet (HK,MTK group) 香港商創發科技通訊"					
10/100	MT7502		12PS6121C LF		
	MT7510				40SS1041AX HF
	RT63368			20PT1024RXLF 20PT1024X LF	
1000	MT7511(4X10/100+1 Giga)		G1PM109RN LF GST5009B LF	20PT1024RXLF 20PT1024X LF	
	MT7530(Switch)		GST5009B LF		
MTK					
10/100	LCD-TV MT536X		TS21C HF		
1000	LCD-TV MT5395		GST5009 LF 24HSS1041A-2 HF		
Broadcom					
10/100	BCM5906	NS0013 LF			
	BCM5325		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	BCM63XX		12PS6121UX LF TS21C HF	20PT1024X LF	
	BCM5356		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	BCM53101		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
1000	BCM53312				GH5409 LF GH5609S LF
	BCM53346				GH5409 LF GH5609S LF
	BCM57780	GST5009B LF			
	BCM53115		GST5009 LF	GS5014 LF	
	BCM53118		GST5009 LF	GS5014 LF	
	BCM5081	GST5009 LF			
	BCM54210E(IP Phone)			GS5014RY LF	
	BCM54684		GST5009 LF	GS5014 LF	GP5409 LF
	BCM53314		GST5009 LF	GS5014 LF	GP5409 LF
	BCM96368		GST5009 LF	GS5014 LF	GP5409 LF
	BCM5787		GST5009 LF		
	BCM56504		GST5009 LF		
	BCM5764		GST5009 LF		
	BCM5481		VP6014 HF		
	BCM5488s				GP5409 LF
BCM53344				G4P109N-A LF	

Compatibility list between BOTHHAND's discrete LAN Magnetics and PHY Chips

Data rate	PHY IC brand and P/N	"Bothhand P/N applied to Notebook"	Bothhand P/N applied to networking		
			Single Port	Dual Port	Quad Port
10/100	Realtek				
	RTL8152B(USB to LAN)	TS8121A HF			
	RTL8309		TS21C HF	LG2P109N LF	40SS1041RX HF
	RTL8316				40SS1041RX HF
	RTL8324				40SS1041RX HF
	RTL8201		12PS6121UX LF TS21C HF		
	RTL8306SD		12PS6121UX LF TS21C HF	20PT1024X LF	
	RTL8139X	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL8201N	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL8102E	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL8196C			20PT1024X LF	
	RTL8201CL	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL2880		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	RTL8102E-GR	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL8139D	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL8201CP	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL8671	NS0013 LF	12PS6121UX LF TS21C HF		
	RTL83065D		12PS6121UX LF TS21C HF	20PT1024X LF	
1000	RTL8393(48 port)				GP5429 LF GP5829 LF
	RTL8382(24 port)				GP5429 LF GP5829 LF
	RTL8380(8 port)				GP5429 LF GP5829 LF
	RTL8153(USB to LAN)	GST5009 LF GST5009B LF			
	RTL8366S		GST5009 LF	GS5014 LF	
	RTL8368S		GST5009 LF	GS5014 LF	GP5409 LF
	RTL8218F		GST5009 LF	GS5014 LF	GP5409 LF G4P109N-A LF
	RTL8111(F)	GST5009 LF	GST5009 LF		
	RTL8329M		GST5009 LF	GS5014 LF	GP5409 LF
	RTL8389M		GST5009 LF	GS5014 LF	GP5409 LF
	RTL8370(5/8G)		GST5009 LF	GS5014 LF	G4P109N-A LF
	RTL8214		GST5009 LF	GS5014 LF	
	RTL8221B	GST5009 LF	GST5009 LF		
	RTL8211	GST5009 LF	GST5009 LF		
	RTL8370(8G)				G4P109N-A LF
	RTL8376(16G)				G4P109N-A LF

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Data rate	PHY IC brand and P/N	"Bothhand P/N applied to Notebook"	Bothhand P/N applied to networking		
			Single Port	Dual Port	Quad Port
IC Plus					
10/100	IP1826X		12PS6121UX LF TS21C HF	20PT1024X LF	GS5014 LF 40SS1041AX HF
	IP1717		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	IP178C		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	IP178D		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	IP175C		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	IP175D		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	IP101A		12PS6121UX LF TS21C HF		
	IP210		12PS6121UX LF TS21C HF		
	IP113A/M/S		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	IP3210		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
1000	IP1001		GST5009 LF		
	IP1103		GST5009 LF		
	IP1725			VP6015 HF	
MTK (Ralink / Trendchip)					
10/100	TC3162L2X		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	TC3162HX		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
	TC3162LE		12PS6121UX LF TS21C HF	20PT1024X LF	
	TC3162P2H		12PS6121UX LF TS21C HF	20PT1024X LF	40SS1041AX HF
Intel					
10/100	IXPBP 2400M		12PS6121UX LF TS21C HF	20PT1024SX LF	40SS1041AX HF
1000	ITL82579	GST5009 LF GST5009B LF			
	I219	GST5009 LF GST5009B LF			
Vitesse					
1000	VSC8504(+MAC)				GH5409 LF GH5609S LF
	VSC7395X		GST5009 LF	GS5014 LF	GP5409 LF
	VSC8601		GST5009 LF		
	VSC8641		GST5009 LF		
	VSC7501		GST5009 LF	GS5014 LF	
	VSC8538		GST5009 LF	GS5014 LF	
	VSC8664		GST5009 LF	GS5014 LF	

10/100 & 1000 Base-T

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Data rate	PHY IC brand and P/N	"Bothhand P/N applied to Notebook"	Bothhand P/N applied to networking		
			Single Port	Dual Port	Quad Port
Marvell					
1000	98DX216+88E1680 RD-DX-16GUNM-B			GS5014 LF	
	MV78230+ 88E1510 RD-AXPWifiAP		24HSS1041A-2 HF		
ASIX Electronics Corporation					
10/100	AX88796B	TS21C HF TS8121A HF NS0014 LF	TS21C HF TS8121A HF NS0014 LF		
	AX88783	TS21C HF TS8121A HF NS0014 LF	TS21C HF TS8121A HF NS0014 LF		
	AX88742	TS21C HF TS8121A HF NS0014 LF	TS21C HF TS8121A HF NS0014 LF		
	AX88772A (USB to LAN)	TS21C HF TS8121A HF NS0014 LF	TS21C HF TS8121A HF NS0014 LF		
1000	AX88179(USB 3.0)	GST5009 LF	GST5009 LF		
Ralink (MTK group)					
10/100	MT7620+RT5592		NS0013B LF		
	RT3052		12PS6121UX LF TS21C HF	20PT1024SX LF	40SS1041AX HF
	RT63365			20PT1024X LF	
1000	MT7620A + 7530		GST5009B LF		
	MT7621		GST5009 LF	GS5014 LF	
	RT3883			GS5014 LF	
	RT2880		GST5009 LF	GS5014 LF	
	RT2883+RT2853		GST5009 LF	GS5014 LF	GP5409 LF
SMSC (Microsemi group)					
10/100	LAN9500		NS0015 LF		
	LAN8720		TS21C HF NS0013B LF NS0013 LF		
Jmicron					
10/100	JMC260/JMC261		NS0013 LF		
1000	JMC250/JMC251	GST5009 LF 24HSS1041A-2 HF			

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Qualcomm(Atheros)					
10/100	AR8152(OTT STB)	NS0013 LF NS0014 LF NS0015 LF			
	AR8032		TS8121CX HF		
	QCA 9533		TS21C HF		
1000	QCA7450+AR8035(PLC)		24SH10410 HF		
	QCA8713+8059 (24-Port Giga Switch, with 8 Ports PSE)			VP6015 LF	
	QCA8059				GP5409 LF GP5609S LF GP5429 LF GP5829 LF GH5409 LF GH5609S LF
	AR8151	GST5009 LF			
	AR8327		LG1P109N LF	LG2P109N LF	
	QCA8513				GP5409 LF GP5609S LF
	AR8035		24HSS1041A-2 HF		
	QCA8337		GST5009 LF GST50009B LF		
	QCA8334		GST5009 LF GST50009B LF		

