

# USB Devices

Product name: X470 GAMING PRO CARBON

BIOS ver.: 2.0

## KB & MOUSE EFI BIOS Test

Type	Model		Result
Keyboard	CM STROM	QUICK Fire TK (SGK-4020-GKCM1-TC)	PASS
		Rapid I (SGM-4040-GKCM1-US)	PASS
	CORSAIR	K70 RGB Gaming Keyboard	PASS
		K95 RGB Gaming Keyboard	PASS
		STRAFE RGB Gaming Keyboard	PASS
	COUGAR	700K Gaming Keyboard	PASS
	DRAGON WAR	GK-004 SILVIO Gaming Keyboard	PASS
	Ducky	Shine 3 DK9008	PASS
	E-BLUE	AUROZA(EKM701BKUS-SU)Gaming Keyboard	PASS
	EPICGEAR	DEFIANT Gaming Keyboard	PASS
	FILCO	MAJESTOUCH 2 (FKBN104MC/CB2-AI)	PASS
	FOXXRAY	Fury Howing (FXR-BK-03) Gaming Keyboard	PASS
	Genius	GX Gaming IMPERATOR PRC	PASS
		GX Gaming MANTICORE	PASS
	i-rocks	KR6260-WE	PASS
	Logitech	G710+ Gaming Keyboard	PASS
		TK820 Wireiess All-in-one Keyboard	PASS
	MAD Catz	S.T.R.I.K.E 3	PASS
	Microsoft	All-in-One Media Keyboard	PASS
		Sculpt Ergonomic Desktop	PASS
msi	GK-701 Gaming Keyboard	PASS	
Keyboard	msi	Interceptor DS4100 Gaming Keyboard	PASS
		VIGOR GK40 Gaming Keyboard	PASS
		VIGOR GK50 Gaming Keyboard	PASS
		VIGOR GK70 Gaming Keyboard	PASS
		VIGOR GK80 Gaming Keyboard	PASS
	OZONE	STRIKE PRO	PASS
	RAZER	BLACKWIDOW CHROMA (RZ03-0122)	PASS
	steelsius	APEX 150 Gaming Keyboard	PASS
		APEX 350 Gaming Keyboard	PASS
		APEX M800 Gaming Keyboard	PASS
	TESORO	DURANDAL ULTIMATE TS-G1NL	PASS
	Tt esports	Challenger Go Gaming Keyboard	PASS
		Challenger Edge Gaming Keyboard	PASS
		Challenger Prime Gaming Keyboard	PASS
		Commander Combo (Multi Light)	PASS
		Commander Gaming Gear Combo	PASS
		POSEIDON Z Forged Gaming Keyboard	PASS
		POSEIDON Z RGB Gaming Keyboard	PASS
	TT thermaltake	TT Premium X1 RGB Gaming Keyboard	PASS
	ZOWIE	CELERITAS II Gaming Keyboard	PASS
Mouse		Havoc (SGM-4002-KILLN1)	PASS
	CORSAIR	M65 Pro RGB Gaming Mouse	PASS
		SCIMITAR RGB Gaming Mouse	PASS
	COUGAR	600M Gaming Mouse	PASS
		700M Gaming Mouse	PASS
	E-BLUE	MAZER EMS152 Type-R Gaming Mouse (Wireless)	PASS
AUROZA EMS607 Type-G Gaming Mouse		PASS	

	EPICGEAR	MORPHA X Gaming Mouse	PASS
	FOXXRAY	SUPER NOVA (FXR-SM-01) Gaming Mouse	PASS
	i-rocks	M09 IRM09W Gaming Optical Mouse	PASS
	Logitech	G90 Optical Gaming Mouse (M-U0039)	PASS
		G303 Gaming Mouse	PASS
		G502 Tunable Gaming Mouse (M-U0042)	PASS
		MX Anywhere 2 (Wireless) (M-R0057)	PASS
	Microsoft	Sculpt Ergonomic Desktop	PASS
	msi	CLUTCH GM10 Gaming Mouse	PASS
		CLUTCH GM40 Gaming Mouse	PASS
		CLUTCH GM60 Gaming Mouse	PASS
		CLUTEC GM70 Gaming Mouse (Wireless / Wired)	PASS
		Interceptor DS B1 Gaming Mouse	PASS
		Interceptor DS100 Gaming Mouse	PASS
	NEWMEN	猎鲨豹 5000 (MS2820U-)	PASS
	OZONE	NEON Precision Laser Mouse	PASS
	RAZER	ABYSSUS 2014 (RZ01-0119)	PASS
		Drakonia Black Gaming Laser Mouse	PASS
		Orochi (ELITE NOTEBOOK GAMING MOUSE)	PASS
Mouse	ROCCAT	KONE XTD (ROC-11-810-AS)	PASS
	Sharkoon	Drakonia Black Gaming Laser Mouse	PASS
	Steelseries	RIVAL 110 Gaming Mouse	PASS
		RIVAL 300 Gaming Mouse	PASS
		SENSEI [RAW] Gaming Mouse	PASS
		SENSEI WIRELESS Gaming Mouse	PASS
		SENSEI 310 Gaming Mouse	PASS
	TESORO	Sagitta Spectrum Gaming Mouse	PASS
	Tt esports	BLACK V2 Gaming Mouse	PASS
		Commander Combo (Multi Light)	PASS
		Commander Gaming Gear Combo	PASS
		Nemesis Switch RGB Gaming Mouse	PASS
		TALON Gaming Mouse	PASS
		TALON blu Gaming Mouse	PASS
		TALON X Gaming Mouse	PASS
		VENTUS Gaming Mouse	PASS
		VENTUS R Gaming Mouse	PASS
	ZOWIE	VENTUS X Gaming Mouse	PASS
		VENTUS Z Gaming Mouse	PASS
		EC2-A Gaming Mouse	PASS
EC2-B Gaming Mouse		PASS	
FK1 Gaming Mouse		PASS	
		FK2 Gaming Mouse	PASS

## USB 1.1

Type	Model		Result
FDD	Mitsumi	D353FUE USB Floppy	PASS
Gameboard	Logitech	G13 Advanced Gameboard	PASS
Gamepad	Microsoft	Xbox 360™ Wireless Controller	PASS
		Xbox One Controller + Cable for Windows	PASS
Headset	Microsoft	LifeChat LX-3000	PASS
	msi	DS502 Gaming Headset	PASS
	Tt esports	Shock 3D 7.1	PASS
	steelseries	SIBERIA 650	PASS
SIBERIA 150		PASS	
Joystick	Logitech	Extreme 3D Pro (J-UK171)	PASS
Keyboard	CM STROM	QUICK Fire TK (SGK-4020-GKCM1-TC)	PASS

	CORSAIR	STRAFE RGB Gaming Keyboard	PASS	
	COUGAR	700K Gaming Keyboard	PASS	
	DRAGON WAR	GK-004 SILVIO Gaming Keyboard	PASS	
	Ducky	Shine 3 DK9008	PASS	
	E-BLUE	AUROZA(EKM701BKUS-SU)Gaming Keyboard	PASS	
	EPICGEAR	DEFIANT Gaming Keyboard	PASS	
	FILCO	MAJESTOUCH 2 (FKBN104MC/CB2-AI)	PASS	
	FOXXRAY	Fury Howing (FXR-BK-03) Gaming Keyboard	PASS	
	Genius	GX Gaming IMPERATOR PRC	PASS	
	i-rocks	KR6260-WE	PASS	
	Logitech	TK820 Wireiess All-in-one Keyboard	PASS	
	MAD Catz	S.T.R.I.K.E 3	PASS	
	Microsoft	Sculpt Ergonomic Desktop	PASS	
	msi	GK-701 Gaming Keyboard	PASS	
		Interceptor DS4100 Gaming Keyboard	PASS	
		VIGOR GK40 Gaming Keyboard	PASS	
		VIGOR GK70 Gaming Keyboard	PASS	
		VIGOR GK80 Gaming Keyboard	PASS	
	OZONE	STRIKE PRO	PASS	
	RAZER	BLACKWIDOW CHROMA (RZ03-0122)	PASS	
	steelseries	APEX 150 Gaming Keyboard	PASS	
	TESORO	DURANDAL ULTIMATE TS-G1NL	PASS	
	Tt esports	Challenger Edge Gaming Keyboard	PASS	
	TT thermaltake	TT Premium X1 RGB Gaming Keyboard	PASS	
	ZOWIE	CELERITAS II Gaming Keyboard	PASS	
Keypad	Razer	ORBWEAVER CHROMA (RZ07-0144)	PASS	
Mouse		Havoc (SGM-4002-KILLN1)	PASS	
		CORSAIR	SCIMITAR RGB Gaming Mouse	PASS
		COUGAR	600M Gaming Mouse	PASS
		EPICGEAR	MORPHA X Gaming Mouse	PASS
		FOXXRAY	SUPER NOVA (FXR-SM-01) Gaming Mouse	PASS
		i-rocks	M09 IRM09W Gaming Optical Mouse	PASS
		Logitech	MX Anywhere 2 (Wireless) (M-R0057)	PASS
		Microsoft	Sculpt Ergonomic Desktop	PASS
		msi	CLUTCH GM10 Gaming Mouse	PASS
			CLUTCH GM40 Gaming Mouse	PASS
	CLUTCH GM60 Gaming Mouse		PASS	
	CLUTEC GM70 Gaming Mouse (Wireless / Wired)		PASS	
	Interceptor DS B1 Gaming Mouse		PASS	
Mouse		Interceptor DS100 Gaming Mouse	PASS	
		NEWMEN	猎鲨豹 5000 (MS282OU-)	PASS
		OZONE	NEON Precision Laser Mouse	PASS
		RAZER	Orochi (ELITE NOTEBOCK GAMING MOUSE)	PASS
		ROCCAT	KONE XTD (ROC-11-810-AS)	PASS
		Sharkoon	Drakonia Black Gaming Laser Mouse	PASS
		Steelseries	SENSEI 310 Gaming Mouse	PASS
		TESORO	Sagitta Spectrum Gaming Mouse	PASS
		Tt esports	Nemesis Switch RGB Gaming Mouse	PASS
		ZOWIE	EC2-B Gaming Mouse	PASS
	Sound	Creative	Sound Blaster X-Fi Go! Pro	PASS
	Speaker	Logitech	Laptop Speaker Z305	PASS
	Wheel	Logitech	G27 Racing Wheel (W-U0001)	PASS

## USB 2.0

Type	Model		Result
Card Reader	Transcend	RDP8 (TS-RDP8K)	PASS

Flash Drive	Apacer	AH334 64GB	PASS
	PATRIOT	Xporter Pulse 64GB	PASS
	RiDATA	OJ15 64GB	PASS
	SanDisk	Cruzer Glide CZ60 128GB	PASS
Gamepad	msi	FORCE GC20 Gaming Controller	PASS
		FORCE GC30 Wireless Gaming Controller	PASS
Headset	Logitech	G633 Gaming Headset	PASS
	msi	IMMERSE GH70 Gaming Headset	PASS
HUB	D-Link	DUB-H7 (7 PORT USB 2.0)	PASS
LAN(Wireless)	BUFFALO	WLI-UC-G300HP (Wireless-N)	PASS
	D-Link	DWA-172 (Wireless AC600 Dual Band)	PASS
ODD	Pioneer	DVR-XD10T SLIM Portable	PASS
Printer	Canon	PIXMA MG3670	PASS
	HP	DeskJet 2130	PASS
Scanner	EPSON	Perfection V39	PASS
	HP	Scanjet 200 Flatbed Scanner (L2734A)	PASS
Sound	Creative	Sound Blaster OMNI Surround 5.1	PASS
TV Tuner	AverMedia	AverTV Volar HD Nano (A867R)	PASS
Webcam	Logitech	HD Pro Webcam C920	PASS
	Microsoft	LifeCam Studio	PASS

msi 配備

Type	Model		Result
Headset	msi	IMMERSE GH10 Gaming Headset(3.5mm Jack)	PASS
		IMMERSE GH60 Gaming Headset(3.5mm Jack)	PASS

### USB 3.1 Gen1 Type-A

Type	Model		Result
Card	Kingston	FCR-HS4	PASS
Reader	Transcend	RDF9	PASS
Docking Station	archgon	MH-3621-U3 Dual SATA	PASS
	CyberSLIM	S2-U3C 6G Dual SATA	PASS
	ICY DOCK	MB981U3S-1S (USB3.0 & Esata)	PASS
Flash Drive	ADATA	DashDrive Elite UE700 64GB	PASS
		UC350 64GB (Type-A or Type-C)	PASS
	Apacer	AH180 64GB (Type-A or Type-C)	PASS
		AH553 128GB	PASS
		AH790 64GB	PASS
	CORSAIR	VOYAGER 128GB	PASS
		VOYAGER GTX 256GB	PASS
	Kingston	DTDUO3C/32GB (Type-A or Type-C)	PASS
		DT50/32GB	PASS
		DT100G3/64GB	PASS
	PATRIOT	Stellar-C 64GB (Type-A or Type-C)	PASS
		Supersonic Magnum2 256GB	PASS
	PNY	UCD10 64GB (Type-A or Type-C)	PASS
		UCD20 64GB (Type-A or Type-C)	PASS
	pqi	Connect 313 64GB (Type-A or Type-C)	PASS
	RiDATA	EZ drive Udisk HD13 64GB	PASS
	SanDisk	SDDDC 32GB (Type-A or Type-C)	PASS
	Silicon Power	Mobile C80 64GB (Type-A or Type-C)	PASS
	Transcend	JetFlash 780 128GB	PASS
		JetFlash 890S 64GB (Type-A or Type-C)	PASS

HDD	ADATA	SV620H External SSD 256GB	PASS
	Apacer	AC531 Shockproof Portable Hard Drive	PASS
	Hitachi	Touro Desk 4TB	PASS
	LACIE	Rugged Thunderbolt USB-C 500GB (Type-A or Type-C)	PASS
	pgi	H567V 750GB Portable	PASS
	Seagate	Slim Portable STCD500102 500GB	PASS
	Silicon Power	Armor A60 1TB Portable	PASS
		Diamond D06 2TB Portable	PASS
	Sony	HD-E2 2TB	PASS
	STARDOM	Itank i310-SB3 (USB3.0/Esata)	PASS
		SOHOTANK ST4-SB3 (USB3.0/Esata)	PASS
	Toshiba	Canvio Connect II V8 1TB	PASS
		Canvio Advance V9 1TB	PASS
	Transcend	ESD400 1TB Portable Solid State Drive	PASS
		StoreJet 25H3P 1TB Portable	PASS
WD	Elements Portable 1TB	PASS	
	My Passport Edge 500GB Portable	PASS	
HUB	PATRIOT	4-Port Hub (PCUSB34)	PASS
LAN	D-Link	DWA-182 (Wireless AC1200 Dual Band)	PASS
OTG Reader	PNY	UCR01 (Type-A or Type-C)	PASS
	pgi	Connect 312 (Type-A or Type-C)	PASS

## Type-C

Type	Model		Result	
Adapter	Apple	USB-C to USB Adapter (Type-C)	PASS	
		USB-C Digital AV Multiport Adapter (Type-C)	PASS	
		USB-C VGA Multiport Adapter (Type-C)	PASS	
Capture	AverMedia	BU110 ExtremeCap UVC (Type-A or Type-C)	PASS	
Cell Phone	LG	Nexus 5X 16GB (LG-H791) (Type-C)	PASS	
Flash Drive	ADATA	UC350 64GB (Type-A or Type-C)	PASS	
	Apacer	AH180 64GB (Type-A or Type-C)	PASS	
	Kingston	DataTraveler microDuo 32GB (Type-A or Type-C)	PASS	
	LACIE	Rugged Thunderbolt USB-C 500GB (Type-A or Type-C)	PASS	
	PATRIOT	Stellar-C 64GB (Type-A or Type-C)	PASS	
	PNY		UC101 64GB (Type-C)	PASS
			UCD10 64GB (Type-A or Type-C)	PASS
			UCD20 64GB (Type-A or Type-C)	PASS
	pgi	Connect 313 64GB (Type-A or Type-C)	PASS	
	SanDisk	SDDDC 32GB (Type-A or Type-C)	PASS	
	Silicon Power	Mobile C80 64GB (Type-A or Type-C)	PASS	
Sitakings	Dual Head Series DH10 8GB (Type-C)	PASS		
Transcend	JetFlash 890S 64GB (Type-A or Type-C)	PASS		
LAN	plugable	Gigabit Ethernet Adapter	PASS	
HUB	plugable	3-Port Hub with Pass-Through Charging (Type-C)	PASS	
		Mini Dock with HDMI, USB3.0, and Pass-Through Charging (Type-C)	PASS	
	pgi	Connect 314 (Type-C) (Type-C)	PASS	
OTG Reader	pgi	Connect 312 (Type-A or Type-C)	PASS	
	PNY	UCR01 (Type-A or Type-C)	PASS	

## USB 3.1 Gen2 Type-A

Type	Model		Result
Docking Station	SSi	SI-7908 USB3.1 (Type-A)	PASS
HDD	ADATA	SE730 External SSD 250GB (Type-A)	PASS
	Creative-Lang	J2C3101C (Type-A or Type-C)	PASS

	SSDPRO RAID V2 (Type-A)	PASS
I/O Master	IOT-3125A3 (Type-A)	PASS
Minerva	U2407A USB3.1 10Gbps (Type-A)	PASS
SanDisk	Extreme 900 Protable SSD (Type-A or Type-C)	PASS
Star Tech	S252BU313R (Type-A or Type-C)	PASS
Sunnywill	SW20A12 (Type-A)	PASS
Team	PD700 Portable SSD 480G (Type-A)	PASS
WD	My Passport SSD 512GB (Type-A or Type-C)	PASS

### Type-C

Type	Model		Result
HDD	ADATA	SE730H External SSD 256GB (Type-C)	PASS
	AkiTio	Neutrino U3.1 (SK2-U31AS-AKT) (Type-C)	PASS
	Creative-Lang	J2C3101C(Type-A or Type-C)	PASS
	SanDisk	Extreme 900 Protable SSD (Type-A or Type-C)	PASS
	Star Tech	S252BU313R (Type-A or Type-C)	PASS
	WD	My Passport SSD 512GB (Type-A or Type-C)	PASS