IT Checklist

Fortnite *Fortnite can be played on PC, console, or mobile devices*
Minimum Required Computer Specifications

If Mac

- OS: OSX Sierra or newer
- Processor: i3 2.4 Ghz
- Memory: 4 GB RAM
- Video Memory: 2 GB VRAM
- Video Card: NVIDIA GeForce GTX 660 or AMD Radeon HD 7870 or equivalent DX11 GPU
- Storage: 16 GB available disk space
- Must support Metal API

Software Requirements

- Install Epic Games Launcher and Fortnite game client
- Peripheral drivers
- Game updates and patching policies
- Recommended: communications client (Discord, Teamspeak, Twitch, etc.)

Peripherals

- Mouse
- Keyboard
- Headset with microphone

If Windows

- OS: Windows 7/8/10 64-bit
- Processor: Core i5-7300U 3.5 GHz
- Memory: 4 GB RAM
- Video Memory: 2 GB VRAM
- Video Card: NVIDIA GeForce GTX 660 or AMD Radeon HD 7870 or equivalent DX11 GPU
- Storage: 16 GB available disk space

Network Requirements

- 100MB network connection required
- 1GB network connection recommended
- 8 Mbps Down / 4 Mbps Up available bandwidth per player
- Whitelist game specific public IP and ports in Internet filter/firewall
- Provide school's public IP addresses during onboarding process (These will be used by game developers to tag/allow high volume esports specific traffic from high schools.)

Please note: *These specifications are the bare minimum requirements to run games. If your school is considering purchasing new computers, please reach out to us for recommended specifications that will allow your school to support more demanding games.*

Whitelist

Fortnite

Ref. A: Please have your IT manager whitelist all of the following game specific IP and ports.

Outbound Ports: 80, 433, 443, 3478, 3479, 5060, 5062, 5222, 5223, 5269, 6250, and 12000-65000

Fortnite

IP		*epicgames-download1.akamaized.net*
IP		*download.epicgames.com*
IP		*download2.epicgames.com*
IP		*download3.epicgames.com*
IP		*download4.epicgames.com*
IP		*epicgames.com*
IP		*cdn1.unrealengine.com*
IP		*cdn2.unrealengine.com*
IP		*static-assets-prod.epicgames.com*
IP		*graphql.epicgames.com*
IP		*account-public-service-prod03.ol.epicgames.com*
IP		*catalog-public-service-prod06.ol.epicgames.com*
IP		*coderedemption-public-service-prod.ol.epicgames.com*
IP		*datarouter.ol.epicgames.com*
IP		*datastorage-public-service-liveeos.ol.epicgames.com*
IP		*ecommerceintegration-public-service-ecomprod02.ol.epicgames.com*
IP		*entitlement-public-service-prod08.ol.epicgames.com*
IP		*eulatracking-public-service-prod06.ol.epicgames.com*
IP		*friends-public-service-prod06.ol.epicgames.com*
IP		*fulfillment-public-service-prod06.ol.epicgames.com*
IP		*launcher-public-service-prod06.ol.epicgames.com*

IP		*launcher-website-prod07.ol.epicgames.com/*
IP		*launcherwaitingroom-public-service-prod06.ol.epicgames.com*
IP		*library-service.live.use1a.on.epicgames.com*
IP		*lightswitch-public-service-prod06.ol.epicgames.com*
IP		*notifications-service-prod06.ol.epicgames.com:443*
IP		*orderprocessor-public-service-ecomprod01.ol.epicgames.com*
IP		*persona-public-service-prod06.ol.epicgames.com*
IP		*priceengine-public-service-ecomprod01.ol.epicgames.com*
IP		*xmpp-service-prod.ol.epicgames.com*

PlayVS

TCP	80, 443	*playvs.com*
IP		*playvs.zendesk.com*

IT Checklist

League of Legends
Minimum Required Computer Specifications

If Mac
- OS: OS X 10.8.5 or newer
- Processor: 2 GHz
  (supporting SSE2 instruction set or higher)
- Memory: 2 GB RAM
  (4GB is strongly recommended)
- Graphics: NVIDIA GeForce 8600M GT / ATI Radeon HD 2600 or better, screen resolutions up to 1920x1200
- Storage: 20 GB available disk space

Software Requirements
- Install League of Legends
- Peripheral drivers
- Game updates and patching policies
- Recommended: communications client (Discord, Teamspeak, Twitch, etc.)

Peripherals
- Mouse
- Keyboard
- Headset with microphone

If Windows
- OS: Windows 7 or newer
- Processor: 2 GHz
  (supporting SSE2 instruction set or higher)
- Memory: 1 GB RAM
  (2 GB of RAM for Windows Vista and newer)
- Graphics: Shader version 2.0 capable video card, screen resolutions up to 1920x1200
- Storage: 20 GB available disk space
- Support for DirectX v9.0c or better

Network Requirements
- 100MB network connection required
- 1GB network connection recommended
- 8 Mbps Down / 2 Mbps Up available bandwidth per player
- Whitelist game specific public IP and ports in Internet filter/firewall
- Provide school's public IP addresses during onboarding process (These will be used by game developers to tag/allow high volume esports specific traffic from high schools.)

Please note: *These specifications are the bare minimum requirements to run games. If your school is considering purchasing new computers, please reach out to us for recommended specifications that will allow your school to support more demanding games.*

Whitelist

League of Legends

Ref. A: Please have your IT manager whitelist all of the following game specific IP and ports.

League of Legends

TCP	2099	*prod.na2.lol.riotgames.com*
TCP	5222-5223	*chat.na2.lol.riotgames.com*
UDP	5100-5400	192.64.170.0/24, 192.64.171.0/24, 192.64.172.0/24, 192.64.173.0/24, 192.64.174.0/24
TCP	8088	*spectator.na2.lol.riotgames.com*
UDP	8088	*spectator.na2.lol.riotgames.com*
TCP	443	*auth.riotgames.com*
TCP	443	*lq.na2.lol.riotgames.com*
TCP	443	*l3cdn.riotgames.com*
TCP	443	*prod.config.patcher.riotgames.com*
TCP	443	*us.edge.rms.si.riotgames.com*
TCP	443	*ekg.riotgames.com*
TCP	443	*acs.leagueoflegends.com*
TCP	443	*entitlements.auth.riotgames.com*
TCP	80, 443	*clubs.leagueoflegends.com*
TCP	80, 443	*frontpage.na.leagueoflegends.com*
TCP	80, 443	*lolstatic-a.akamaihd.net*
TCP	80, 443	*oembed.leagueoflegends.com*
TCP	80, 443	*am-a.akamaihd.net*
TCP	80, 443	*lol.secure.dyn.riotcdn.net*
TCP	80, 443	*prod02.kaxsdc.com*
TCP	80, 443	*riotcdn.com*
TCP	80, 443	*leagueoflegends.com*

TCP	443	*matchhistory.na.leagueoflegends.com*
TCP	443	*plstore.na2.lol.riotgames.com*
TCP	443	*status.leagueoflegends.com*
TCP	443	*store.na2.lol.riotgames.com*
TCP	443	*lolstore-a.akamaihd.net*
TCP	443	*lolesports.com*
TCP	443	*riotgamespatcher-a.akamaihd.net*
TCP	443	*cds.s4a8x2q3.hwcdn.net*
TCP	443	*contenttargeting.leagueoflegends.com*
TCP	443	*.rpg.riotgames.com*
TCP	443	*.riotcdn.net* *.riotcdn.net*
IP		*playerpreferences.riotgames.com*
IP		*riotp0use1.vivox.com*

Riot

TCP	80, 443	*riot.com*

PlayVS

TCP	80, 443	*playvs.com*
IP		*playvs.zendesk.com*

IT Checklist

Rocket League
Minimum Required Computer Specifications

If Mac
- ○ OS: Not Supported

Software Requirements
- ○ Install Steam and Rocket League
- ○ Peripheral drivers
- ○ Game updates and patching policies
- ○ Recommended: communications client (Discord, Teamspeak, Twitch, etc.)

Peripherals
- ○ Mouse
- ○ Keyboard
- ○ Headset with microphone
- ○ Controller (not required)

If Windows
- ○ OS: Windows 7 or newer
- ○ Processor: 2.4 GHz (supporting SSE2 instruction set or higher)
- ○ Memory: 2 GB RAM
- ○ Graphics: NVIDIA GTX 260 or ATI 4850 or better, screen resolutions up to 1920x1200
- ○ Storage: 7 GB available disk space

Network Requirements
- ○ 100MB network connection required
- ○ 1GB network connection recommended
- ○ 8 Mbps Down / 2 Mbps Up available bandwidth per player
- ○ Whitelist game specific public IP and ports in Internet filter/firewall
- ○ Provide school's public IP addresses during onboarding process (These will be used by game developers to tag/allow high volume esports specific traffic from high schools.)

Please note: *These specifications are the bare minimum requirements to run games. If your school is considering purchasing new computers, please reach out to us for recommended specifications that will allow your school to support more demanding games.*

Whitelist

Rocket League

Ref. A: Please have your IT manager whitelist all of the following game specific IP and ports.

Rocket League

TCP, UDP	7000-9000	*rocketleague.com*
TCP	80	*rocketleague.com*
TCP	443	*rocketleague.com*
IP		*psyonix-rl.appspot.com*
IP		*rl-cdn.psyonix.com*
IP		*psyonix.com*
IP		*datahound.com*
IP		*c.evidon.com*
IP		*Psy.net*
IP		*rl-cdn.psyonix.com*
IP		*Config.psynet.gg*
IP		*rl-psy.net*

PlayVS

TCP	80, 443	*playvs.com*
IP		*playvs.zendesk.com*

IT Checklist

SMITE

Minimum Required Computer Specifications

If Mac
- OS: Not supported

Software Requirements
- Install SMITE
- Peripheral drivers
- Game updates and patching policies
- Recommended: communications client (Discord, Teamspeak, Twitch, etc.)

Peripherals
- Mouse
- Keyboard
- Headset with microphone
- Controller (not required)

If Windows
- OS: Windows 7 or newer
- Processor: 2.4 GHz (supporting SSE2 instruction set or higher)
- Memory: 4 GB RAM
- Graphics: NVIDIA GTX 8800 GT or better, screen resolutions up to 1920x1200
- Storage: 30 GB available disk space

Network Requirements
- 100MB network connection required
- 1GB network connection recommended
- 8 Mbps Down / 2 Mbps Up available bandwidth per player
- Whitelist game specific public IP and ports in Internet filter/firewall
- Provide school's public IP addresses during onboarding process (These will be used by game developers to tag/allow high volume esports specific traffic from high schools.)

Please note: *These specifications are the bare minimum requirements to run games. If your school is considering purchasing new computers, please reach out to us for recommended specifications that will allow your school to support more demanding games.*

Whitelist

SMITE

Ref. A: Please have your IT manager whitelist all of the following game specific IP and ports.

SMITE

UDP	9002-9999	*smitegame.com*
TCP	9000, 9001	*hirezstudios.com*
IP		*hirez.net*
IP		*hi-rezgame.net*

PlayVS

TCP	80, 443	*playvs.com*
IP		*playvs.zendesk.com*

Whitelist

Steam

Ref. A: Please have your IT manager whitelist all of the following game specific IP and ports.

To log into Steam and download content:

HTTP (TCP port 80) and HTTPS (443)

UDP 27015 through 27030

TCP 27015 through 27030

Steam Client

UDP 27000 to 27015 inclusive (Game client traffic)

UDP 27015 to 27030 inclusive (Typically Matchmaking and HLTV)

UDP 27031 and 27036 (incoming, for In-Home Streaming)

TCP 27036 and 27037 (incoming, for In-Home Streaming)

UDP 4380

Dedicated or Listen Servers

TCP 27015 (SRCDS Rcon port)

Steamworks P2P Networking and Steam Voice Chat (not required)

UDP 3478 (Outbound)

UDP 4379 (Outbound)

UDP 4380 (Outbound)

Advanced

For generic Steam HTTP/HTTPS requests, your firewall should allow the following domains:

- Steampowered.com
- Steamcommunity.com
- Steamgames.com
- Steamusercontent.com
- Steamcontent.com
- Steamstatic.com
- Akamaihd.net

IPV4	45.121.184.0/23	Valve Corporation
IPV4	45.121.186.0/23	Valve Corporation
IPV4	103.10.124.0/24	Valve Corporation
IPV4	103.10.125.0/24	Valve Corporation
IPV4	103.28.54.0/23	Valve Corporation
IPV4	146.66.152.0/23	Valve Corporation
IPV4	146.66.154.0/24	Valve Corporation
IPV4	146.66.155.0/24	Valve Corporation
IPV4	146.66.156.0/23	Valve Corporation
IPV4	146.66.158.0/23	Valve Corporation
IPV4	153.254.86.0/24	
IPV4	155.133.224.0/23	Valve Corporation
IPV4	155.133.227.0/24	Valve Corporation
IPV4	155.133.228.0/23	Valve Corporation
IPV4	155.133.230.0/23	Valve Corporation
IPV4	155.133.232.0/24	Valve Corporation
IPV4	155.133.233.0/24	Valve Corporation
IPV4	155.133.234.0/24	Valve Corporation
IPV4	155.133.235.0/24	Valve Corporation
IPV4	155.133.236.0/23	Valve Corporation

IPV4	155.133.238.0/24	Valve Corporation
IPV4	155.133.239.0/24	Valve Corporation
IPV4	155.133.240.0/23	Valve Corporation
IPV4	155.133.242.0/23	Valve Corporation
IPV4	155.133.244.0/24	Valve Corporation
IPV4	155.133.245.0/24	Valve Corporation
IPV4	155.133.246.0/23	Valve Corporation
IPV4	155.133.248.0/24	Valve Corporation
IPV4	155.133.249.0/24	Valve Corporation
IPV4	155.133.250.0/24	Valve Corporation
IPV4	155.133.252.0/24	Valve Corporation
IPV4	155.133.253.0/24	Valve Corporation
IPV4	155.133.254.0/24	Valve Corporation
IPV4	155.133.255.0/24	Valve Corporation
IPV4	162.254.192.0/24	Valve Corporation
IPV4	162.254.193.0/24	Valve Corporation
IPV4	162.254.194.0/23	Valve Corporation
IPV4	162.254.196.0/24	Valve Corporation
IPV4	162.254.197.0/24	Valve Corporation
IPV4	162.254.198.0/24	Valve Corporation
IPV4	162.254.199.0/24	Valve Corporation
IPV4	185.25.180.0/23	Valve Corporation
IPV4	185.25.182.0/24	Valve Corporation
IPV4	185.25.183.0/24	Valve Corporation
IPV4	190.216.121.0/24	Valve Corporation
IPV4	190.217.33.0/24	Valve Corporation
IPV4	192.69.96.0/23	Valve Corporation
IPV4	205.185.194.0/24	Valve Corporation (C04780190)
IPV4	205.196.6.0/24	Valve Corporation

IPV4	208.64.200.0/24	Valve Corporation
IPV4	208.64.201.0/24	Valve Corporation
IPV4	208.64.202.0/24	Valve Corporation
IPV4	208.64.203.0/24	Valve Corporation
IPV4	208.78.164.0/23	Valve Corporation
IPV4	208.78.166.0/24	Valve Corporation
IPV4	208.78.167.0/24	Valve Corporation
		noreply@steampowered.com

PlayVS

TCP	80, 443	*playvs.com*
IP		*playvs.zendesk.com*