

# Tech Specs

It's all in the details.

## Summary

At the heart of all Polycade arcade machines is a powerful gaming-grade PC that contains the latest hardware components on the market, capable of running the most graphic-intensive modern games and all your favorite retro titles.

Polycade runs our custom software, Polycade AGS, which has been optimized to give users access to both classic titles and modern games in the simplest interface imaginable.

## Tech Specs

	Lite	Lux	Squadcade	Free-to-Play	Pay-to-Play
<b>CPU</b>	AMD Ryzen 3 3200G	AMD Ryzen 5 3400G	AMD Ryzen 5 3400G	AMD Ryzen 5 3400G	AMD Ryzen 5 3400G
<b>Memory</b>	8GB RAM	8GB RAM	8GB RAM	8GB RAM	8GB RAM
<b>Hard Drive</b>	240GB SSD	1 TB	1 TB	1 TB	1 TB
<b>Graphics</b>	Radeon Vega 8 Graphics	Radeon RX Vega 11 Graphics	Radeon RX Vega 11 Graphics	Radeon RX Vega 11 Graphics	Radeon RX Vega 11 Graphics
<b>Display</b>	27" Full HD 1080p 2ms response	27" Full HD 1080p 1920 x 1080 2ms response	32" Full HD 1080p 1920 x 1080 2ms response	27" Full HD 1080p 1920 x 1080 2ms response	27" Full HD 1080p 1920 x 1080 2ms response
<b>Sound</b>	2 x 30W Speakers. Volume dial, headphone jack, and microphone jack inside drawer.	2 x 30W Speakers. Volume dial, headphone jack, and microphone jack inside drawer.	400W Sound System. Volume dial, headphone jack, and microphone jack inside drawer.	2 x 30W Speakers. Volume dial, headphone jack, and microphone jack inside drawer.	2 x 30W Speakers. Volume dial, headphone jack, and microphone jack inside drawer.

<b>Dimensions &amp; Weight</b>	30"W x 49"H x 17"D 120lbs	30"W x 49"H x 17"D 180 lbs	46"W x 75"H x 35.5"D 325 lbs* *Sits on casters for easy maneuverability	30"W x 49"H x 17"D 180 lbs	30"W x 49"H x 17"D 180 lbs
<b>Backlights</b>	Customizable LED Backlights & Remote	Customizable LED Backlights & Remote	Customizable LED Backlights & Remote	Customizable LED Backlights & Remote	Customizable LED Backlights & Remote
<b>Buttons</b>	8 x Sanwa buttons per player for game play 3x Sanwa buttons per player for menu options	8 x Sanwa buttons per player for game play 3x Sanwa buttons per player for menu options	8 x Sanwa buttons per player for game play 2x Sanwa buttons per player for menu options. 1 x Sanwa button per machine for game exit	8 x Sanwa buttons per player for game play 3x Sanwa buttons per player for menu options	8 x Sanwa buttons per player for game play 3x Sanwa buttons per player for menu options
<b>Joystick</b>	2 x JLF Joysticks with octagonal restrictor plates	2 x JLF Joysticks with octagonal restrictor plates	4x JLF Joysticks with octagonal restrictor plates	2 x JLF Joysticks with octagonal restrictor plates	2 x JLF Joysticks with octagonal restrictor plates
<b>Trackball / Mouse</b>	Optional	Suzo-Happ trackball	Optional	Suzo-Happ trackball	Suzo-Happ trackball
<b>Mouse buttons</b>	Optional	3x Sanwa buttons for mouse control	Optional	3x Sanwa buttons for mouse control	3x Sanwa buttons for mouse control
<b>Construction</b>	Laminated plywood with steel enclosure for controls	Powder coated steel	Laminated plywood with steel enclosure for controls	Powder coated steel	Powder coated steel
<b>Camera</b>	Not included	12-megapixel 120 degree with microphone	Not included	12-megapixel 120° wide angle with integrated microphone	12-megapixel 120° wide angle with integrated microphone
<b>Security</b>	Locked front panel	Locked front panel	Locked front drawer and rear door	Locked front panel	Tempered glass & Locked front panel

<b>Internet</b>	5GHz wifi RJ-45 jack	5GHz wifi RJ-45 jack	5GHz wifi RJ-45 jack	5GHz wifi RJ-45 jack	5GHz wifi RJ-45 jack
<b>Expansion</b>	2x USB ports in drawer Connect additional controllers for up to 4 players Compatible with USB keyboard & mouse	2x USB ports in drawer Connect additional controllers for up to 4 players Compatible with USB keyboard & mouse	2x USB ports in drawer Compatible with USB keyboard & mouse	2x USB ports in drawer Connect additional controllers for up to 4 players Compatible with USB keyboard & mouse	2x USB ports in drawer Connect additional controllers for up to 4 players Compatible with USB keyboard & mouse
<b>Electrical requirements</b>	Standard 110v 3 Wire Grounded Straight Power Cable  5 amps required	Standard 110v 3 Wire Grounded Straight Power Cable  5 amps required	Standard 110v 3 Wire Grounded Straight Power Cable  5 amps required	Standard 110v 3 Wire Grounded Straight Power Cable  5 amps required	Standard 110v 3 Wire Grounded Straight Power Cable  5 amps required
<b>Payment Acceptance</b>					Card reader

## Software & OS

### Residential models

*Lite, Lux, Squadcade*

Our residential machines run Windows 10. Owners can set their machines to boot into Polycade AGS at startup or choose other game launching software if they prefer.

Polycade AGS comes pre-loaded with multiple emulators, so owners can add and play games from a wide variety of sources and platforms. These include:

**Steam**

**GOG**

**Arcades\***

**NES\***

**SNES\***

**Sega Master System\***

**Sega Genesis\***  
**TurboGrafx16\***  
**Atari 2600\***  
**GameBoy Advance\***  
**GameCube\***  
...and more

*\*via emulation*

## **Commercial models**

*Free-to-play, Pay-to-play*

Commercial models of Polycade arcade machines startup directly into the Polycade AGS interface, making things as easy as possible for owners of commercial environments. AGS has settings to lock out users from making any changes to the machine.

By locking users out of the machines, we make sure your users aren't changing game options and downloading games on your account.

Like our residential machines, all commercial models are WiFi enabled, so software updates are automatically managed on our end and, if anything ever breaks, we can fix it remotely or alert you. Plus, in the case of our Pay-to-Play machines, we can automatically update games to maximize engagement (and profits).

**IN THE NEW AGE**® 

<http://inthenewage.com>