Age of Empires II: The Age of Kings is a real @-@ time strategy (RTS) video game developed by Ensemble Studios and published by Microsoft. Released in 1999 for the Microsoft Windows and Macintosh operating systems, it was the second game in the Age of Empires series. An expansion, The Conquerors, was released in 2000. A PlayStation 2 version was released by Konami in 2001, and a Nintendo DS spinoff, Age of Empires: The Age of Kings was developed by Backbone Entertainment in 2006. A Dreamcast port, by Konami, was canceled.

The Age of Kings is set in the Middle Ages and contains thirteen playable civilizations . Players aim to gather resources , which they use to build towns , create armies , and defeat their enemies . There are five historically based campaigns , which constrict the player to specialized and story @-@ backed conditions . There are three additional single @-@ player game modes , and multiplayer is supported . Despite using the same game engine and similar code to its predecessor , development of The Age of Kings took a year longer than expected , forcing Ensemble Studios to release Age of Empires : The Rise of Rome in 1998 instead . The design team focused on resolving significant issues in Age of Empires , but noted on release that some problems remained .

Reception of The Age of Kings was highly positive . The significant number of new features was praised , as were the gameplay improvements . Some reviewers , however , were critical of the presentation of units ? they were seen as bland and uninteresting ? while others considered The Age of Kings to be too similar to its predecessor , Age of Empires . Three months after its release , two million copies of The Age of Kings had been shipped , and it topped sales charts in seven countries . The game won multiple awards and is today considered a classic of its type , having had a significant impact on future games in its genre . Both the original Age of Empires II and the expansion pack were later released as " the Gold Edition " .

In April 2013, Age of Empires II: HD Edition was released on the Steam digital distribution platform for Windows operating systems. The HD Edition includes both the original game and the expansion The Conquerors, as well as updated graphics for high @-@ resolution displays. It also supports user @-@ generated content through the Steam Workshop and multiplayer games provided through the Steam servers. On August 16, 2013, Microsoft announced The Forgotten, the first new expansion in nearly 13 years and exclusive to the HD Edition. On November 5, 2015, Microsoft released another new expansion to Age of Empires II: HD Edition, The African Kingdoms.

# = = Gameplay = =

The Age of Kings focuses on building towns , gathering resources , creating armies and ultimately conquering opponents by destroying their units and buildings . Players conquer rival towns and empires as they advance one of 13 civilizations through four " Ages " : the Dark Age , the Feudal Age , the Castle Age ( being the High Middle Ages ) , and the Imperial Age , reminiscent of the Renaissance ? a 1000 @-@ year timeframe . Advancing to a new Age unlocks new units , structures , and technologies , but players must first build certain buildings from their current age and then pay a sum of resources ( typically food and gold ) .

Civilian units , called " villagers " , are used to gather resources ; they are either male or female ? gender does not affect their abilities . Resources can be used to train units , construct buildings , and research technologies , among other things ; for example , players can research better armour for infantry units . The game offers four types of resources : food , wood , gold , and stone . Food is obtained by hunting animals , gathering berries , harvesting livestock , farming , and shore fishing and fishing from boats . Wood is gathered by chopping down trees . Gold is obtained from either gold mines , trade or collecting relics in a monastery , and stone is collected from stone mines . Villagers require checkpoints , typically depository buildings ( town center , mining camp , mill , and lumber yard ) , where they can store gathered resources . Each civilization can purchase upgrades that increase the rate of gathering these resources . Players can construct a market for trade ; players can trade wood , stone , and food for gold , and use gold to buy other resources . Market prices fluctuate with every transaction . Furthermore , markets and docks can also generate gold by

using trading carts or cogs which are used to visit foreign markets and ports; once they return to the player 's market / dock , gold is added to the stockpile . The amount of gold a trade unit earns on each trip is related to the distance it had to travel to a foreign market; more gold is earned on longer trips . It is possible to trade with enemies ' markets or docks , but the player 's trading units may be attacked or destroyed by enemy units in the process . Players do not need to keep trading manually , as once they select the port or market the trading units infinitely continue to trade .

There are five campaigns in The Age of Kings , containing historically based scenarios such as Genghis Khan 's invasion of Eurasia , Barbarossa 's Crusade , or Saladin 's defence of the Holy Land . In the Joan of Arc and William Wallace campaigns , the player can control a unit based on its namesake ; in others , players take orders from guiding spirits representative of the army 's commander .

Additional game modes are available to the player in The Age of Kings . One mode , random map , generates a map from one of several randomly chose map generating scripts , with players starting in the Dark Age with a Town Center , three villagers ( or more depending on civilization ) , and a scout unit . The game can be won through military conquest , by constructing a special building known as a Wonder and keeping it standing for a certain amount of time , or by obtaining control of all relics on the map for a set amount of time . Deathmatch mode allows players to begin with large amounts of resources , creating a focus on military dominance , while in the regicide mode each player is given a king unit , winning by killing all of the other monarchs .

#### = = = Units and civilizations = = =

Every player has a limit to the number of units they can create? a population limit? but may not immediately use the entire potential population. The population capacity, which can be capped at anywhere between 75? 200 in intervals of 25, is based on the number of houses, Castles, or Town Centers? the main building in a player 's town? which have been built. The Age of Kings introduced two significant new features for unit management: the idle villager button, which helps players identify villagers that have not been assigned a task, and the town bell, which sends all a player 's villagers into their Town Center, Castle, or tower for safety; units garrisoned within these three buildings, especially archers, increase the building 's firepower (towers fire more arrows with units garrisoned inside) including the town center, which can not fire anything at all without someone garrisoned there.

The Age of Kings also includes five types of military units: infantry, archers, cavalry, siege weaponry, and naval units. Certain types of infantry, archers, and cavalry are "counter units" with special defenses against other types of unit. The three human classes of military generally follow a rock @-@ paper @-@ scissors model . For example , infantry are generally powerful against buildings but weak against cavalry, thus the infantry counter units? spearmen and pikemen ? have attack bonuses against cavalry. Each Civilization in The Age of Kings has one or two special units that are exclusive to that Civilization. For instance, the Britons have access to Longbowmen, an archery unit with increased range. These Civilization @-@ specific units are generally more powerful, but still follow the basic rock @-@ paper @-@ scissors model. The monk is a special kind of military unit that has the ability to convert enemy units to the player 's civilization, and to heal allied units. Monks are also used to collect relics; relics accumulate gold once held in the player's monastery? the more relics are captured, the faster the gold is accumulated. Collecting all relics on the map is one method by which a player can win a random map game, depending on the victory setting. Once a player has all in their monasteries, a timer is shown to all players. If an opposing player does not destroy a monastery holding a relic after the set time, then that player wins .

Players choose to play as one of 13 civilizations split into four architectural styles? Western European, Eastern European, Middle Eastern, and East Asian? that determine building appearance in @-@ game. The civilizations have varying strengths and weaknesses with regards to economics, technology, and battle, and each has access to a different, very powerful "Unique Unit". Additionally, each civilization provides an individual team bonus in team games. To add

variety, each civilization has a set of sound bites in its native language that are uttered by units when selected or instructed to perform a task.

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  $=$   $=$  Buildings  $=$   $=$   $=$ 

The buildings in The Age of Kings are split into the economic and military buildings categories. Buildings can research technologies and upgrades that increase economic, military or unit @-@ based efficiency, as well as provide resources for the player.

The most important economic building is the Town Center , where villagers are created , all types of resources can be stored , some technologies are researched , and the player can advance to the next Age . The Town Center can fire arrows at enemy units within range if villagers or archers are garrisoned while under attack . Other economic buildings available include storage buildings for resources , farms , docks ( the dock may also produce several military ships ) , and houses to support a higher population .

Military buildings include unit @-@ producing buildings such as barracks, archery ranges, stables, and castles, as well as defensive buildings such as walls and towers. Military buildings can perform research to improve the abilities of military units, increasing their strength, defensive capabilities, or other attributes. The castle is a military building which can build trebuchets, train the civilization 's " unique unit / s ", and fire arrows at enemy units within range, with garrisoned units firing extra arrows. It can only be built after a player has reached the Castle Age, although in some game options, players can begin with an already @-@ built castle as early as the Dark Age.

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= = = Multiplayer = = =
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The Age of Kings supports multiplayer over the Internet, or via a local area network (LAN). Up to eight players can take part in one game, with all of the single player game modes available. The MSN Gaming Zone supported the game until the service closed on June 19, 2006.

### = = Development = =

Prior to the completion of Age of Empires , Ensemble Studios had signed a contract with Microsoft for a sequel . The design team chose to set The Age of Kings in the Middle Ages as a logical progression from the ancient era setting of Age of Empires . The design team was conscious of attempting to capture the broad appeal of the first game without making the game 's design too similar . Nonetheless , they attempted to appeal to the vast demographic who played Age of Empires . The Age of Kings 's design team intended to complete the game within a year by using code from the original and reusing the Genie game engine . Several months into the process they found they would not be able to complete a game of the quality they sought in that time . Ensemble Studios informed Microsoft they would need another year and instead created Age of Empires : The Rise of Rome , an easily developed expansion pack of Age of Empires , as a compromise which could be released for Christmas 1998 . To help meet the next year 's deadline , additional programmers , artists , and designers were employed . To overcome another significant objection to Age of Empires ? that of path finding ? the team completely redesigned the game engine 's movement system .

The original Age of Empires had been criticized for its artificial intelligence ( AI ) . Because the original AI did not " cheat " by attributing itself extra resources or using other techniques the human player could not , it was easier to defeat than in many other real @-@ time strategy games . For The Age of Kings , Ensemble Studios attempted to develop a more powerful AI system that did not compromise by cheating . Industry veteran Mario Grimani led Ensemble Studios in the creation of the new system . The Age of Kings saw the introduction of a triggers system for its scenario editor . The triggers allow messages to be displayed , or actions to take place , based on pre @-@ set criteria or " events " . The scenario editor was also improved by the new AI system . The AI and trigger systems interacted regularly in the single player campaigns .

The team was less successful in resolving other issues; programmer Matt Pritchard complained following the release of Age of Empires that there was still no process by which patches could be issued. Extensive cheating in multiplayer games of Age of Empires came as a result of several bugs in the game, which resulted in Microsoft promising Ensemble Studios there would be a patch process for The Age of Kings. On release, there were several bugs that needed immediate attention, but the patch process was not yet ready. The first patch was released 11 months later.

Ensemble Studios developed a new terrain system for The Age of Kings , with 3D presentation capabilities that were vastly superior to those of Age of Empires . Pritchard noted an improvement in the team 's artistic abilities following their work on the past two games , and he is noted as saying that " AoK became a showcase for their improved talent " . However , he complained about the lack of an art asset management tool , while other departments gained new tools and automated procedures to assist in design and play testing .

The soundtrack for The Age of Kings was directed by Stephen Rippy , who has since taken that role for all games in the Age of Empires series . Music for the game was split into two categories . For " in game " music , Rippy 's team took musical elements from a variety of cultures and combined them to create a mixed sound . " Pre @-@ game " music was designed to be unique to the civilization in question . Campaigns based on historical figures would include " a theme that will at least be rooted in [ the character 's ] culture " .

A demo of The Age of Kings was released on October 16 , 1999 . It featured the learning campaign , a sample of a random map game , and the ability to play via the MSN Gaming Zone . Much to Ensemble Studios ' disappointment , numerous incomplete versions of the game were leaked . These were picked up by warez sites , and sold illegally throughout the Pacific Rim ; warez versions of the game were even sold outside Microsoft 's offices in South Korea .

### = = = High @-@ definition remake = = =

In 2012, Hidden Path Entertainment began working on a high @-@ definition remake of Age of Empires II, an effort spearheaded by Matt Pritchard, an original Ensemble lead programmer. On March 7, 2013, its release was announced, branded as Age of Empires II: HD Edition. It has improved graphics, widescreen support and new multiplayer options through Steam. It was released on April 9, 2013, and there was a pre @-@ order available on April 5.

# = = Reception = =

The Age of Kings received "universal acclaim", according to video game review aggregator Metacritic.

According to Eurogamer 's Geoff Richards," the list of new features and improvements over the original game is over a page long. GamePro 's review similarly focused on new additions to the genre itself which it argued made The Age of Kings outstanding. These included the idle unit button and town bell. GameSpy 's Carlos Salgado was appreciative of other features; he praised the ability to create individual profiles for different players and to customize hotkeys. Meanwhile, IGN appreciated the new abilities given to the villager unit? the review stated villagers now play an important role not only in the collection of resources, but also in town defense and even in combat.

AllGame 's Michael L. House enjoyed the use of sound bites in civilizations ' native languages , which he said was " very influential in developing an era @-@ enhancing atmosphere " . Eurogamer said this feature " gives [ villagers ] a personality , rather than the standard ' Acknowledged ' grunt of military RTS games " , also stating that the use of female villagers provided a good variety . Game Revolution 's review explained that by being set in a more recent epoch of human history , The Age of Kings was able to " add character to an otherwise impersonal style of gameplay " . Computer and Video Games approved of The Age of Kings ' use of shorter , more focused campaigns , compared to its predecessor , while Game Revolution noted that even in slower sections of the campaign , the historical narrative helped maintain player interest . GameSpot said that with the screen full of units ,

" you can begin to imagine how their historical equivalents once prospered ", while GameSpy said The Age of Kings presents " realism rarely seen in the RTS genre ". IGN staff argued that while the strengths and weaknesses attributed to different civilizations made the game more realistic, the fact that they were still mostly the same prevented The Age of Kings from " delivering the same battlefield impact of StarCraft or Tiberian Sun ".

House also praised the gameplay interface , which he said " couldn 't be simpler " , as well as the advanced grouping and path @-@ finding systems . Nash Werner of GamePro said that the formation tools were wonderful , and complained only that they could not be assigned to naval units . Computer and Video Games generally agreed , stating that " the controls are very user @-@ friendly and well explained " . GameSpot 's Greg Kasavin wrote that despite the game 's improved graphics , " there 's nothing foreign about its appearance " and that most game features will be " immediately recognizable if you 've played a real @-@ time strategy game before " . PC Zone agreed , but in a negative sense ? it argued that The Age of Kings " is essentially an update of a two @-@ year @-@ old game " .

Richards was surprised by the quality of The Age of Kings ' graphics , considering they were all bitmapped . However , AllGame complained that units were sometimes difficult to tell apart , a point numerous reviewers agreed on . It also called the sound of The Age of Kings as a negative , but not something significant enough to draw players away from the game 's overall quality . IGN stated that cutscenes were somewhat bland , but that overall the graphics added " an amazing amount of detail to the actual game " . IGN 's main criticism was for the in @-@ game speech used in campaigns ; it rhetorically asked " why can 't they just find a Frenchman to do a French accent ? " Alex Constantides of Computer and Video Games rated the graphics highly , saying that some in @-@ game buildings are " so grand you 'll even feel guilty about burning them to the ground " . Werner agreed ; " the most noticeable graphical advancements " , he wrote , were " the sheer size and scale of things " . Game Revolution stated " AOE2 is the best looking of the 2D RTS games out there right now " .

In January 2000, three months after its release, Microsoft announced that they had shipped two million copies of The Age of Kings. The game topped sales charts in the United States, Japan, the United Kingdom, Germany, France, Australia, and South Korea. It would spend the next two and a half years on top 20 sales lists. The Age of Kings was top selling game in October 1999, and the fourth highest selling game in 1999.

The Age of Kings won GameSpot 's Strategy Game of the Year in 1999, and was a nominee for Game of the Year. GamePower also named it Strategy Game of the Year, while PC Gamer and Computer Gaming World gave it Editor 's Choice awards. The Age of Kings won Strategy Game of the Year and Computer Game of the Year at the 2000 Academy of Interactive Arts & Sciences awards. It was also nominated for Game of the Year, Outstanding Achievement in Animation, Outstanding Achievement in Game Design, and Outstanding Achievement in Game Play Engineering. IGN ranked The Age of Kings the 53rd best game of all time in 2005, and the 10th best PC game of all time in 2007. GameFAQs users placed it 56th in a poll of the best games ever.

The Age of Kings was highly influential on its genre . Star Wars: Galactic Battlegrounds, a 2001 game by LucasArts, shared The Age of Kings' game engine, and was heavily influenced by its mechanics. Empire Earth's design was also similar to that of The Age of Kings; GameSpot said it "borrows most of that game 's controls, interface features, and even some of its keyboard shortcuts". Rick Goodman, designer of Age of Empires and The Rise of Rome, designed Empire Earth. GameSpot 's Scott Osborne argued that the gameplay of Cossacks: European Wars was heavily based on The Age of Kings.

= = = HD Edition = = =

Age of Empires II: HD Edition received mixed reviews with aggregate review website Metacritic assigning a score of 68 out of 100 based on reviews from 20 critics. Critics agreed that the HD Edition changed very little from the original game. Daniel Starkey of Destructoid added that the

reluctance to change the game features encourages " a much more aggressive , and obsessive style of play " . He highlights the fact that many of the problems of trying to run the original game on a modern computer are gone , and calls its compatibility with Steam 's Workshop " an amazing bonus " .

Paul Dean of Eurogamer was less forgiving; although he agreed that the Workshop compatibility was a good addition and praised the players in the online community as " remarkably calm and friendly ", he thought that the game should have been updated more, citing its " boring campaign " and poorly @-@ aged gameplay mechanics: " It just doesn 't play very well, and its flaws are more blatant than ever before ". Underscoring his criticisms of the lack of significant changes to the game, he described it as " a mouldy time @-@ capsule that will likely mar your memories of the original ".

### = = Sequels = =

An expansion for The Age of Kings , The Conquerors , was released in 2000 . It introduced numerous new game features , including five new civilizations . Two of these , the Aztecs and the Mayans , represent the New World and have new distinctive architectural style . Other new civilizations are the Spanish , Huns , and Koreans . As well as three campaigns similar in concept to those in The Age of Kings , The Conquerors included a "Battles of the Conquerors " campaign which contained several unrelated battles such as those of Agincourt and Hastings . Age of Mythology , released in 2002 , broke away from the historical trend and instead focused on Greek , Egyptian , and Norse mythology . It shared many gameplay elements with The Age of Kings and was considered a spin @-@ off of the main Age of Empires series .

The third historical game in the Age of Empires series , Age of Empires III , was released in 2005 . The game portrayed the European colonization of the Americas . Aside from one significant feature , the home city , the game 's design was similar to that of its predecessor .

In 2012, a free @-@ to @-@ play title was released in the series, called Age of Empires Online. While the game was freely accessible, it featured premium content which could either be earned through gameplay or purchased, enabling the player to use higher @-@ tier equipment and new game modes. Active development of the game ended on January 1, 2014, when executive producer Kevin Perry stated that adding new content was " no longer cost effective, " and announced that the game would be moving from " development phase " to its " support phase ". The game servers were subsequently shut down on July 1, 2014.

### = = = Age of Empires II HD : The Forgotten = = =

In August 2013 an expansion pack was announced for Age of Empires II HD , entitled The Forgotten . It is based on the fan @-@ made expansion , The Forgotten Empires . The expansion includes five new civilizations , seven new campaigns , two new game modes , twenty @-@ seven new technologies , ludakris map size , Twitch streaming and spectator mode . It was developed by Forgotten Empires and SkyBox Labs and released on November 7 , 2013 .

### = = = Age of Empires II HD: The African Kingdoms = = =

A second expansion pack for Age of Empires II HD was announced on April 9 , 2015 , and released later the same year . The focus of the expansion is on African civilizations , thus named The African Kingdoms . On June 23 , 2015 , new details and a tease were released for the The African Kingdoms expansion . The expansion includes four new civilizations , four new fully voice acted campaigns , one new game mode , new generic units and technologies , twenty @-@ three new maps , improved AI , and new scenario editor objects . It was again developed by Forgotten Empires and SkyBox Labs and released on November 5 , 2015 .