



Smartphones of North Korea

2026

NK|TECHLAB

Martyn Williams

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INTRODUCTION

The smartphone market in North Korea has progressed significantly over the last few years, indicating strong state support for the continued adoption of cellular technology and digital services. As of 2026, the domestic market is surprisingly competitive, featuring at least 24 different smartphone brands and an ecosystem of over 500 domestic Android apps.

Cellular coverage has continued to expand into rural areas and 4G coverage, which launched in 2023, appears to be available well beyond Pyongyang. Subscriptions have likely exceeded the 6.35 million reported in 2024 by the International Telecommunications Union.

North Korean users now utilize their smartphones to access a wide range of daily services, including news, weather, medical services, video streaming, games, online shopping, and navigation.

Despite this rapid modernization, there has been no change in the heavily restricted environment in which smartphones operate. Internet access is still impossible, Trace Viewer software still takes random screenshots during use and a digital signature system prevents users installing unapproved apps or viewing unapproved media.

The state also mandates a “mobile user identification number” system to exert surveillance and control over smartphone use.

Finally, while domestic brands such as Arirang, Jindallae, and Pyongyang are heavily marketed, there is no evidence that the hardware is manufactured inside the country. Instead, all mobile phones sold in North Korea are produced by contract manufacturers in China. The market will likely continue on this trajectory for some time.

WIRELESS NETWORKS

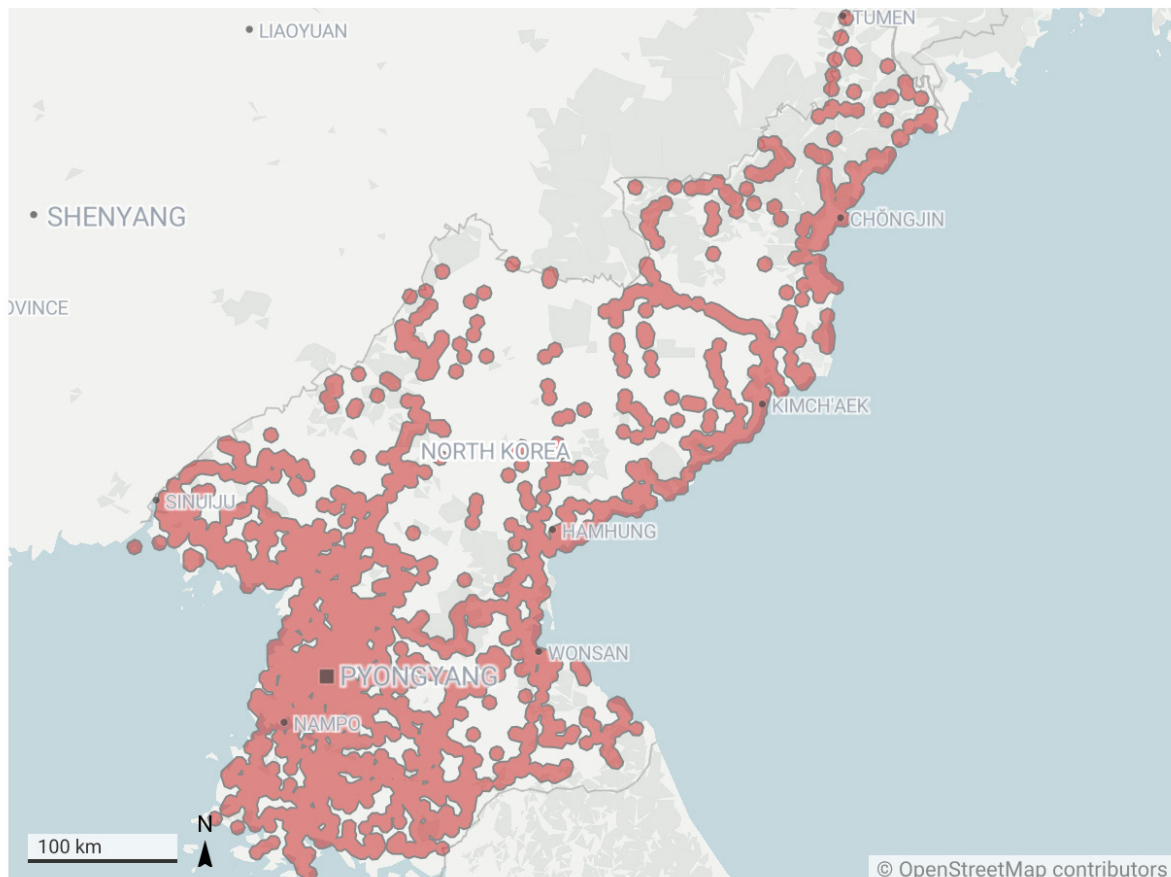
Three organizations operate four known wireless communications networks in North Korea. Both Koryolink and Kangsong operate 3G WCDMA cellular services, Kangsong additionally operates a 4G LTE cellular network, and Mirae operates a WiFi network.

Based on a map of cellular base stations assessed using satellite imagery, North Korea TechLab estimates that most of the populated areas of North Korea have access to at least one cellular network.

The map below is a best-effort estimate and assumes a 5km coverage area around each base station. Actual coverage will be different due to local geography and the inability to catch every base station through satellite imagery.

Estimated North Korean Cellular Coverage

Based on satellite imagery analysis, as of January 2026



Map: Martyn Williams • Source: 38 North Digital Atlas • Created with Datawrapper

The mapping method cannot differentiate between the two carriers or 3G or 4G coverage, but shows that cellular coverage extends well beyond cities, provincial capitals and county seats and into rural areas and small villages.

Subscriptions

The North Korean state has started a push to put government services online, so broad cellular coverage is vital if this is to be a success.

The current number of wireless subscribers in North Korea is difficult to estimate. The latest data from the International Telecommunications Union (ITU) says there were [5.79 million](#) mobile broadband subscriptions in North Korea in 2024 and [6.35 million](#) mobile phone subscriptions. The source of the data is not listed but the ITU usually gets it from the governments of member states.

This is in line with the estimate of 6.5 million to 7 million subscriptions we made in the previous edition in [2024](#). For this edition, we are no longer issuing estimates as there is so little reliable data available to make any accurate estimates. However, the number of users has almost certainly risen since 2024 and will continue to do so as app-based services become more common and the 4G network expands.

North Korea has not provided data on fixed-line telephones to the ITU since 2007, but at that time it only had [1.18 million](#) lines, so cellular is almost certainly now the most popular way North Koreans connect with the telephone and data network.

Connectivity and Services

North Korea operates a walled garden—there is no connectivity between the domestic computer networks and the Internet. Local subscribers are allowed access to domestic services and can call local phone numbers, but cannot connect internationally. Resident foreigners and visitors on the mobile network get the opposite: Internet access and international calling, but no ability to access domestic sites and call domestic numbers.

There are further divisions within the domestic network. The mobile network is portioned off from North Korea's fixed line network. All mobile network websites use IP addresses in the 10.99.x.x range. (North Korea does not appear to use domain names on most networks)

It is common to see major sites and services advertise different IP addresses depending on the method of access. For example, the Rodong Sinmun newspaper is accessed via 10.10.3.100 on the fixed network and 10.99.0.3 on the mobile network.

A large number of Android apps are available. Data collected by the author shows there are over 600 apps domestically—available from North Korean software and IT companies. They cover a wide range of subjects that include news, weather, streaming video, reference materials, health and games.

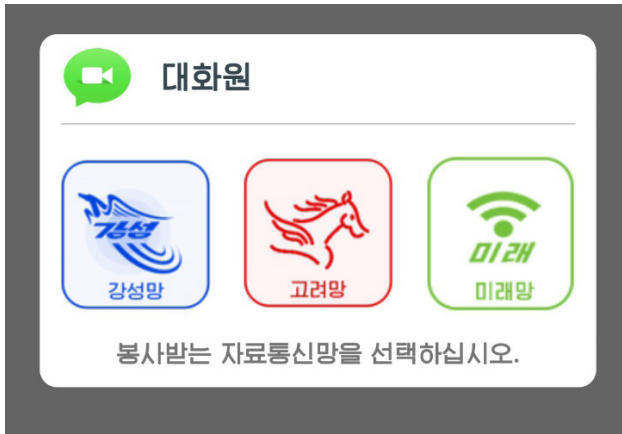
Authentication

Some apps require authentication, and North Korea has begun moving towards a “mobile user identification number” (이동통신식별자) system.¹

¹ [N. Korean smartphone app evolved from simple ID tool to permanent surveillance platform](#), Daily NK, July 15, 2025

The mobile user identification number is issued by the Ministry of Information Industry and appears to be a 10-digit number. It is not related to the subscriber phone number.

For example, when registering for the Kangsong Mobile Network app, which allows users to subscribe to mobile service, users are asked to enter their mobile user identification number,² a user ID (사용자식별자), and a “city or public identification number” (시(공)민증번호).

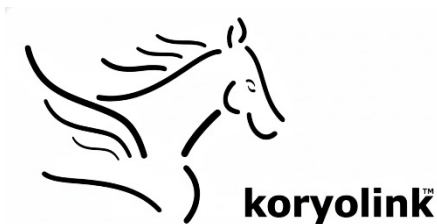


Some apps also require the user to declare the network they are connected to, presumably because the access or verification method differs.

The image on the right shows a user dialog and choices for Kangsong, Koryolink or Mirae. In some apps, only the first two networks are listed.

Figure 1. An app prompt asking users which network they are using (Image: NK TechLab)

KORYOLINK (고려링크)



The Koryolink (고려링크) network, known as “고려망” (Koryomang), is North Korea’s oldest operating cellular network. Service began in late December 2008 in Pyongyang and continues today on a 3G WCDMA network.

Koryolink is operating by Cheo Technology JV Co., which was established as a joint venture between Egypt’s Orascom and the North Korean Ministry of Posts and Telecommunications (now the Ministry of Information Industry). When the company was originally formed, Orascom held a 75 percent stake but this got diluted to 60 percent when it declined to subscribe to a new share offer in 2022. As a result, the North Korean government currently owns 40 percent of the operator.

To-date, Koryolink has not launched 4G service. This leaves it a competitive disadvantage to Kangsong, which began offering the service in 2023.

As a result, it appears to be looking for business opportunities in other areas and at the National Exhibition of IT Successes in Pyongyang in October 2025, Koryolink had a booth that promoted smart home products.²

² “보도,” Korean Central Television, October 28, 2025



Figure 2. Smart home products displayed on the Koryolink booth at the National Exhibition of IT Successes in Pyongyang in October 2025 (Image: KCTV)

KANGSONG (강성)



The Kangsong (강성) cellular network, known as “강성망” (Kangsongmang), was launched in 2015 by the Ministry of Posts and Telecommunications (currently, the Ministry of Information Industry) to compete with Koryolink. The launch was unusual because the ministry was part owner in Koryolink and appears to have been triggered by a dispute with Orascom over profits.

Kangsong operates a 3G WCDMA and in began offering 4G LTE service in September 2023.

Its booth at the National Exhibition of IT Successes in Pyongyang in October 2025 displayed large “4G” and “5G” lettering but there is no evidence the network is close to launching 5G service.³

³ “보도,” Korean Central Television, October 28, 2025



Figure 3. The Kangsong network booth at the National Exhibition of IT Successes in Pyongyang in October 2025 (Image: KCTV)

Kangsong offers a single set of 3G plans, billed in North Korean won, and two sets of 4G plans which differ depending on if payments are made in North Korean won or forex won (Forex won is acquired in exchange for foreign currencies at approximately 100 to the US dollar).

Note that both 3G and 4G plans require a flat rate payment in forex won each month and that there are only two data plans available in domestic won.

Kangsong 3G Network (Foreign currency won-based)

Category 1	110 (forex) won per month	132 (forex) won / 100MB
Category 2	440 (forex) won per month	220 (forex) won / 500MB
Category 3	286 (forex) won per month	330 (forex) won / 1GB

Kangsong 4G Network (Domestic won-based)

Category 1	550 won (forex) per month	1500 won / 70MB
Category 2	550 won (forex) per month	3000 won / 150MB

Kangsong 4G Network (Foreign currency won-based)

Category 1	550 won (forex) per month	110 won (forex) / 700MB
Category 2	550 won (forex) per month	220 won (forex) / 2GB
Category 3	550 won (forex) per month	440 won (forex) / 4GB

Category 4	550 won(forex) per month	660 won (forex) / 8GB
Category 5	550 won(forex) per month	1,100 won (forex) / 15GB
Category 6	550 won(forex) per month	5,500 won (forex) / unlimited

MIRAE (미래)



Mirae (미래), known as “미래망” (Miraemang), is a state-operated Wi-Fi network that was launched in 2018 along Ryongmyong Street in central Pyongyang.⁴

It is believed to be more widely available now in Pyongyang and possibly in other cities.

North Korean handsets typically have access to Wi-Fi disabled through a block on the Wi-Fi menu in the phone’s settings. This means that users cannot scan for Wi-Fi networks or join them, despite the hardware having the necessary Wi-Fi antenna and modem.

Mirae gets around this by running on a dedicated app that has the Wi-Fi network name hardcoded into the software. Users also need a Mirae SIM card and account with the service to get online. Prior to the launch of 4G service, the Mirae network offered the fastest data connection although its coverage area is much smaller. With the launch of 4G, the future of the service is unclear.

⁴ “보도,” Korean Central Television, October 21, 2018

SMARTPHONE HANDSETS

The number of companies offering smartphones has expanded rapidly in recent years. This report details 24 different brands that are currently available in the domestic market or have been in the last few years.

The majority of the brands appear to be from different companies, suggesting a much higher level of competition than in other countries. Some of the companies selling phones are long-established IT brands, such as Arirang, while some are IT-adjacent, such as the Mokran video company. Some of the phones come from companies who have strong software development units and have built apparently popular services, such as Manmulsang, which operates an online shopping portal.

All phones run a modified version of the Android operating system with North Korean security features. Chief among these is a digital signature system that only allows content to be run on the phone if it has a digital signature from the state. This appears to be incredibly effective in preventing North Koreans from using their smartphones for consumption of illicit content.

There are other security measures too such as Trace Viewer, which takes random screenshots while the phone is being used. The screenshots cannot be deleted by the user. The phones are also prevented from signing on to open WiFi networks and will not show foreign cellular networks.

Recently, the state appears to be using the mobile user identification app to exert additional surveillance of user activity and control of smartphone use.⁵

Manufacturing

All mobile phones sold in North Korea appear to be produced in China by contract phone manufacturers.

Despite occasional North Korean media claims that the phones are made in the country, there is no evidence to support this being true.

This should not be seen as a criticism of North Korean technology. Beyond a handful of the largest smartphone brands in the world, almost no smartphone company makes its own phones. Most rely on the same contract manufacturing companies as do the North Korean companies. In fact, sometimes the same handset can be found on sale both inside and outside of North Korea under different brand names because companies have used the same outsourcing company.

⁵ [“N. Korean smartphone app evolved from simple ID tool to permanent surveillance platform,”](#) Daily NK, July 15, 2025

Software Installation

After the phones are procured from overseas phone makers, they are shipped to North Korea where each smartphone brand installs the software. This includes North Korea's version of the Android operating system, with local security software, and the apps each company makes available to its users.

Feature Phones

In addition to a large number of smartphones on the market, there are also a large number of feature phones available. Several North Korean brands offer several feature phones that offer a more basic user interface but are likely cheaper. The availability of the phones points to the large disparity between incomes among different sectors of North Korean society.

Smartphones costing several hundred US dollars are out of the reach for some users, leaving them the option of a new feature phone or second-hand smartphone. This guide does not attempt to catalog the feature phones available in North Korea.

Methodology

The information contained in this report is based on multiple sources including North Korean state media, information from escapees, social media posts, and North Korean smartphones examined overseas. Photographs have been obtained from the same sources.

The report is based on a previous edition published in 2024, but to keep the length manageable, this version only details handsets that have either come to light since the last edition or those judged to probably still be available as new products. Older phones, mostly from before 2020, are not included in this report. Such phones are likely still widely used as second-hand sales are probably strong in North Korea given the relatively high cost of purchasing a new phone.

For details on older models, please consult "[Smartphones of North Korea 2024](#)."

ARIRANG (아리랑)

Arirang (아리랑) brand phones were among the first smartphones to be sold in North Korea. They are produced by the Arirang IT Company (아리랑정보기술교류사), although recently the name “May 11 Factory” (5월11일공장) appears in literature associated with the products suggesting the company might have changed its name while continuing to use the Arirang brand name.



Figure 4. Kim Jong Un watches smartphone processing at the May 11 Factory in August 2013
(Photo: KCNA)

Kim Jong Un has visited the May 11 Factory twice, according to state media. The first visit was in July 2011 when he looked at LCD TV lines and the second was in August 2013 when he inspected the smartphone processing system.^{6 7 8}

In a photo carried by North Korean state media of the 2013 visit, Kim Jong Un is shown watching a worker prepare the Arirang 1201 (아리랑1201), which was the first smartphone sold by the company.

⁶ [Kim Jong Il visits 'LCD TV factory'](#), North Korea Tech, July 30, 2011

⁷ [Kim Jong Il Provides Field Guidance to May 11 Factory](#), Korean Central News Agency, July 28, 2011

⁸ [Kim Jong Un Visits May 11 Factory](#), Korean Central News Agency, August 10, 2013

ARIRANG 191

The Arirang 191 (아리랑191) was on display at the Light Industry Development show in Pyongyang in October 2023.

The advertisement indicated it has an AMOLED display, but no other information was made available. The phone has a pop-up camera and appears to be based on the Blu Bold N1 handset.



Figure 5. The Arirang 191 (left) and Blu Bold N1 (right) (Images: NK TechLab / Blu composite)

ARIRANG 221

A poster featuring the Arirang 221 (아리랑221) was displayed at the Light Industry Development show in Pyongyang in October 2023.

The phone's design and specifications match that of the "[Blu Bold N2](#)," a phone released in August 2022 and sold by a U.S.-based company, and the Cherry Mobile Aqua SV sold in the Philippines. Both Blu and Cherry Mobile do not make the phone itself but rely on Chinese contract manufacturers and it is likely the same Chinese company supplied the same basic phone model to North Korea.



Figure 6. The Arirang 221 (left) and Blu Bold N2 (right) (Images: Instagram / Blu composite)

SPECIFICATIONS

- OS: Android 11.0
- Chipset: Mediatek MP6833, 8-core, 2.4GHz
- Display: 6.6-inch AMOLED
- Resolution: 2,340 x 1,080 pixels
- Front camera: 16 megapixels
- Rear camera: 64 megapixel main camera, 5 megapixel ultra-wide, 2 megapixel macro, 2 megapixel depth sensor
- Memory: 8GB RAM, 256GB storage
- Battery: 4,200mAh

ARIRANG UNKNOWN MODEL



The image on the left is of an unknown model Arirang smartphone. It was likely launched in 2024 or 2025.

Figure 7. An unidentified Arirang-brand smartphone

CHILSONG (칠성)

Tongmyong Technology Development Office (동명기술개발소) sells smartphones under the Chilsong (칠성) brand name. Only one phone from the brand is known, the Chilsong 2333 (질성2333). Notably, it is one of the few folding-type smartphones available in North Korea.

CHILSONG 2333



SPECIFICATIONS

- OS: Android 13.0
- Display: 6.9-inch AMOLED
- Resolution: 1,188 x 2,790 pixels
- Front camera: 32 megapixels
- Rear camera: 108 megapixels
- Memory: 12GB main memory, 256GB storage
- Battery: 4,000 mAh

CHOLLYONG (철령)

The Chollyong (철령) brand name is used by the Potonggang New Technology Development Center (보통강새기술개발소). Little information is known about the company, and it does not appear in North Korean state media records. It is possibly related to Potonggang Electronics, which sells LCD televisions, although the Potonggang name is common in North Korea so the companies could be independent.

CHOLLYONG 201

The Chollyong 201 (철령201) was released in early 2020. It was the first reported smartphone to carry the Chollyong name.

SPECIFICATIONS

The following specifications are known: ⁹

- Display: 7.12 inches
- Resolution: 2,244 x 1,080 pixels

CHOLLYONG 206

The Chollyong 206 (철령206) was seen in North Korean state media at the Light Industry Development expo in Pyongyang in 2023. The phone appears to have three rear cameras and one front camera. No other information is available.



Figure 8. The Chollyong 206 seen at the Light Industry Development Expo in 2023 (Image: KCTV)

⁹ 사용하기에 편리한 새형의 지능형손전화기 개발, Tongil Voice, January 29, 2020

CHOLLYONG 207

The Chollyong 207 debuted in 2024. The phone appears very similar in style to the Huawei P60, which was released in 2023, however the advertised screen size is slightly different at 6.56-inches on the Chollyong vs 6.67-inches on the Huawei.



CHONGSONG (청송)

The Chongsong (청송) brand is used by Buksae Electronic Trading Company (북새전자무역회사). The company was named one of North Korea's top 10 IT companies in 2024 in recognition of its "Sonamu" (소나무) brand LCD televisions. It is unclear if Buksae also produces the Sonamu-brand smartphones (see later in this report).

CHONGSONG 222

The Chongsong 222 (청송222) was initially launched in 2023. A report by DailyNK in March 2024 said it was one of the most popular phones in North Korea and it cost 3,800 RMB (US\$540).¹⁰

CHONGSONG 234



The Chongsong 234 (청송234) phone was displayed at the Light Industry Development show in Pyongyang in October 2023.

It has a distinctive rear camera arrangement that groups several cameras into a rounded area in the center of the phone.

A report by DailyNK in March 2024 said it was one of the most popular phones in North Korea and it cost around 5,000 RMB (US\$700).¹¹

¹⁰ [Latest N. Korean phones are expensive but still popular](#), Daily NK, March 29, 2024

¹¹ [Latest N. Korean phones are expensive but still popular](#), Daily NK, March 29, 2024

CHONGSONG 235

Video of the Chongsong 235 was briefly broadcast by state television in June 2024. Technical details are not known.



Figure 9. The Chongsong 235 phone shown on Korean Central Television on June 24, 2024
(Image: KCTV)

CHONGSONG 236

The Chongsong 236 is a lower specification companion to the Chongsong 241, produced by Buksae Electronics.

SPECIFICATIONS

- OS: Android 13.0
- Processor: Mediatek G85 MT6769V
- Storage: 6GB memory, 128GB storage
- Display: 6.67 inches
- Resolution: 1,080 x 2,400 pixels
- Front camera: 8 megapixels
- Rear camera: 64 megapixels
- Battery: 4,100 mAh
- Thickness: 7.75mm

CHONGSONG 241

The Chongsong 241 is a higher-specification companion handset to the Chongsong 236.



SPECIFICATIONS

- OS: Android 13
- Processor: Mediatek G99 MT6789V
- Storage: 12 GB memory, 256 GB storage
- Display: 6.81 inches
- Resolution: 1,224 x 2,664 pixels
- Front camera: 32 megapixels
- Rear camera: 50 megapixels
- Battery: 4,200 mAh
- Thickness: 8mm

CHONGSONG FLIP PHONE

A flip-type smartphone with the Chongsong logo has been shown on state television. The model number and specifications are unknown.

Like the Samtaesong 10, detailed later in this report, the phone appears to be based on the Blackview Hero 10 phone.



Figure 10. A Chongsong branded flip phone seen on Korean Central Television on June 24, 2024
(Image: KCTV)



Figure 11. A Chongsong branded flip phone seen on Korean Central Television on June 24, 2024
(Image: KCTV)

CHONHA (전하)

The Chonha (전하) brand smartphones are produced by Chonha Foreign Economic Federation (천하대외경제연합회). In addition to its smartphone business, the company also runs a shipping business, precious metals purchasing, ginseng cultivation and house construction, according to a company profile. It also runs the Chonha Credit Bank.

CHONHA 320



Figure 12. The Chonha 320 smartphone (Photo: NK TechLab)

SPECIFICATIONS

- OS: Android 12
- Processor: Mediatek G99 MT6789
- Storage: 8 GB memory, 256 GB storage
- Display: 6.7 inches
- Resolution: 1,080 x 2,400 pixels
- Front camera: 32 megapixels
- Rear camera: 108 megapixels, 8 megapixels, 2 megapixels
- Battery: 4,600 mAh

CHONJI (천지)

The company behind Chonji brand smartphones is unknown.



Figure 13. An unidentified Chonji brand smart phone

Video of the phone was briefly broadcast on state television in June 2024, although specifications were not detailed. To-date, only one Chonji model phone has been seen.



Figure 14. The Chonji smartphone seen on Korean Central Television on June 24, 2024 (Image: KCTV)



Figure 15. The Chonji smartphone seen on Korean Central Television on June 24, 2024 (Image: KCTV)

HAEYANG (해양)

The Haeyang (해양) brand smartphones apparently debuted in 2023 with the Haeyang 701. The company behind the brand is unknown.

HAEYANG 701



The Haeyang 701 has modest specifications and went on sale around 2023.

SPECIFICATIONS

- OS: Android 10.0
- Processor: MT6765 (8-core, 2GHz)
- Display: 6.52 inches
- Resolution: 720 x 1,600 pixels
- Storage: 6GB memory, 128GB storage
- Front camera: 16 megapixels
- Rear camera: 48 megapixels
- Battery: 4,000 mAh

Figure 16. The Haeyang 701 smartphone (Image: NK TechLab)

HWAWON (화원)

The Hwawon brand name and logo used on a small range of smartphones is the same as that used by an electronic bank and ATM network in Pyongyang. At the 2025 consumer products expo, the company name was listed as Hwawon Trading Co. (화원무역회사). A different name appears on images from 2023 but it is unreadable. It appears to be the Pyongyang [unreadable] Joint Venture Co. (평양[??]합영회사).

An image published by [NK News](#) from the Light Industry Development 2025 expo revealed the company was showing five phones: the Hwawon 201, Hwawon 285, Hwawon 301, Hwawon 301-1 and Hwawon 309.

The 201 and 301 models appeared first at the 2023 Light Industry Development expo. No further details are available on the newer models.



Figure 17. Hwawon brand phones on show at the Light Industry Development 2025 expo in October 2025 (Image: NK News)

HWAWON 201

The Hwawon 201 (화원201) featured in state media coverage of the Light Industry Development show in Pyongyang in October 2023. Technical specifications of the phone were displayed on a poster but the resolution of the TV image is not sufficient to read them clearly.

It appears to list the Android 12 operating system (released in late 2021), a 16-megapixel camera and 4,800mAh battery.



Figure 18. The Hwawon 201 smartphone, seen in Korean Central Television coverage on October 26, 2023. (Photo: KCTV)

HWAWON 301

The Hwawon 301 (화원301) was also first seen in state media coverage of the Light Industry Development show in Pyongyang in October 2023. Few technical details are available but it appears to have three cameras on the rear and an AMOLED display.

The phone has a similar design to the Honor X7b, although there is not enough data available to determine if it is based on that model.



Figure 19. The Hwawon 301 smartphone, seen in Korean Central Television coverage on October 26, 2023, (left) and Honor X7b (right). (Photo: KCTV, Honor)

JINDALLAE (진달래)

Jindallae (진달래) phones are produced by the Korea Mangyong Trading Co. (조선만경무역회사). The company is about 10 years old and previously used the name Mangyongdae IT Corp. (만경대정보기술사) and Mangyondae Trading Company (만경대무역회사) but was observed using the new name at the Pyongyang Spring Trade Fair in 2025.

The company has been profiled in North Korean state media, which said it also works on various wired and wireless communications products, entertainment and operating system software, automation systems and biometric ID systems.¹²

It sells a broad range of phones through 40 retail outlets across Pyongyang and 44 distributors nationwide, according to information from the company. Its headquarters are in the west of Pyongyang.¹³

The company offers a broad range of smartphones and basic phones. Among the smartphone range, they model families are differentiated by the type of camera. The 7-series feature the front camera in a teardrop cut out at the top of the screen, the 8 series have a circular punch out in the upper left corner of the screen and the 9 series have a pop-up camera. A further series of higher specification phones also exists.



Figure 20. Jindallae phones on show at an event in Pyongyang in October 2025
(Image: Choson Sinbo)

¹² 《진달래》손전화기와 함께 유명해진 만경대정보기술사, DPRK Today, February 4, 2020

¹³ Korean Central Television, April 23, 2022

JINDALLAE 7-2



The Jindalle 7-2 went on sale in 2024

SPECIFICATIONS

- OS: Android
- Processor: 8 core 2GHz
- Display: 6.56-inches
- Resolution: 1,612 x 720 pixels
- Storage: 8GB RAM, 128GB ROM
- Front camera: 8 megapixels
- Rear cameras: 50, 2 megapixels
- Battery: 5,000 mAh

JINDALLAE 7-3



The Jindallae 7-3 has a higher resolution display than the 7-2 but its camera is slightly lower resolution. It also was on sale in 2024.

SPECIFICATIONS

- OS: Android
- Processor: 8 core, 2GHz
- Display: 6.6-inches
- Storage: 6GB RAM, 128GB ROM
- Resolution: 2,408 x 1,080 pixels
- Front camera: 16 megapixels
- Rear camera: 48, 2 megapixels
- Battery: 6,000 mAh

JINDALLAE 7-5

The Jindallae 7-5 comes with four cameras and a high-resolution display but the storage is the lowest in the Jindallae 7-series phones. The phone appears similar to the Umdigi A7.



SPECIFICATIONS

- OS: Android
- Processor: 8 core, 2 GHz
- Display: 6.3 inches
- Resolution: 2,340 x 1,080 pixels
- Storage: 16GB RAM, 64GB ROM
- Front camera: 16 megapixel
- Rear camera: 16, 5, 16 megapixel
- Battery: 4,200 mAh



Figure 21. The Umdigi A7 smartphone (Image: Umdigi)

JINDALLAE 8



The Jindallae 8 series are defined by punch-out cameras.

SPECIFICATIONS

- OS: Android
- Processor: 8 core, 2GHz
- Display: 6.53 inches
- Resolution: 2,340 x 1,080 pixels
- Storage: 16GB RAM, 64GB ROM
- Front camera: 16 megapixels
- Rear camera: 48, 2, 13, 2 megapixels
- Battery: 5,200 mAh

JINDALLAE 8-1



The Jindallae 8-1 has some of the lowest specifications of the entire 2024 Jindallae range with low storage capacity, lower resolution display and low resolution camera.

SPECIFICATIONS

- OS: Android
- Processor: 4 core, 2GHz
- Display: 6.35 inches
- Resolution: 1,560 x 720 pixels
- Storage: 2GB RAM, 16GB ROM
- Front camera: 8 megapixel
- Rear camera: 13, 2 megapixel
- Battery: 5,000 mAh

JINDALLAE 9



The Jindallae 9 range of phones have pop-up cameras.

SPECIFICATIONS

- OS: Android
- Processor: 8 core, 2.2GHz
- Display: 6.4 inches
- Resolution: 2,340 x1,080 pixels
- Storage: 24GB RAM, 128GB ROM
- Front camera: 16 megapixels
- Rear camera: 48, 2, 16, 2 megapixels
- Battery: 4,500 mAh

JINDALLAE 9 EXPANDED EDITION



The Jindallae 9 Expanded Edition is a rare example of a higher specification version of the same handset being offered for sale. As can be seen in other handsets, typically each phone is available with a single memory, processor and battery but the Expanded edition is an upgrade on the lower model.

SPECIFICATIONS

- OS: Android
- Processor: 8 core, 2.35 GHz
- Display: 6.4 inches
- Resolution: 2,340 x 1,080 pixels
- Storage: 32GB RAM, 256GB ROM
- Front camera: 16 megapixels
- Rear camera: 48, 2, 16, 2 megapixels
- Battery: 4,700 mAh

JINDALLAE 10



The Jindallae 10 has some of the best specifications in the Jindallae family, matching closely with the Jindallae 2000 and 3000.

SPECIFICATIONS

- OS: Android
- Processor: MT6789
- Display: 6.7 inches
- Resolution: 2,400 x 1,080 pixels
- Storage: 12GB RAM, 256GB ROM
- Front camera: 32 megapixels
- Rear camera: 108, 13, 2 megapixels
- Battery: 5,000 mAh

JINDALLAE 10-2



The Jindallae 10-2 has one of the largest capacity batteries, but other specifications are relatively low.

SPECIFICATIONS

- OS: Android
- Processor: MT6765
- Display: 6.8 inches
- Resolution: 1,640 x 720 pixels
- Storage: 8GB RAM, 128GB ROM
- Front camera: 8 megapixels
- Rear camera: 48 megapixels
- Battery: 5,500 mAh

JINDALLAE 2000



There are two phones with “thousand” numerical designations in the Jindallae range and both appear to premium models.

SPECIFICATIONS

- OS: Android
- Processor: MT6789
- Display: 6.7 inches
- Resolution: 2,400 x 1,080 pixels
- Storage: 20GB RAM, 256GB ROM
- Front camera: 32 megapixels
- Rear camera: 108, 13, 2 megapixels
- Battery: 5,000 mAh

JINDALLAE 3000



The main difference between the Jindallae 3000 and Jindallae 2000 is in the amount of user memory. The 3000 has 512GB of storage, which is the largest seen available in North Korea to-date.

SPECIFICATIONS

- OS: Android
- Processor: MT6789
- Display: 6.7 inches
- Resolution: 2,400 x 1,080 pixels
- Storage: 20GB RAM, 512GB ROM
- Front camera: 32 megapixels
- Rear camera: 108, 13, 2 megapixels
- Battery: 5,000 mAh

KILTONGMU (길동무)

The Kiltongmu (길동무) smartphone was first seen in North Korean state media in 2019i. Phones from the brand have been seen at recent events in Pyongyang however few details are available.

The company had showed phones at the Light Industry Development 2025 expo and the National Exhibition of IT Successes in 2024. Specifications on phones have not been possible to find.



Figure 22. The Kiltongmu booth at the National Exhibition of IT Successes in October 2024
(Image: KCTV)

KILTONGMU 1089

The Kiltongmu 1089 is one of several smartphones marketed under the Kiltongmu brand. No technical details are available.



Figure 23. The Kiltongmu 1089 smartphone (Image: NK TechLab)

MADUSAN (마두산)

The Madusan Economic Federation sells smartphones under the Madusan name. A profile of the company published in 2022 says it is involved in a wide range of business in addition to technology products. Other ventures include real estate, fishing operations and precious metals.

Madusan was also named as the general developer of the Sinuiju International Economic Zone, a proposal to develop the Sinuiju area into an international free trade zone. It is one of several such proposed projects, most of which have never gotten off the ground.

The most up-to-date information on Madusan phones came from a [tourist video](#) posted in mid 2025 of the Madusan shop at the Taesong Department Store in Pyongyang.

MADUSAN 222-1

The Madusan 222-1 is a low-end model in the company's range offering just a 64-megapixel camera, although the user storage is generous at 256GB.



Figure 24. The Madusan 222-1 smartphone at the Taesong Department Store in Pyongyang (Image: YouTube)

SPECIFICATIONS

- OS: Android 12.0
- CPU: Mediatek MT6789
- Storage: 256GB
- Display: 6.78 inches
- Front camera: 64 megapixels
- Rear camera: 20 megapixels
- Battery: 4,500 mAh

MADUSAN 225

The Madusan 225 was also shown on sale in Pyongyang.



Figure 25. The Madusan 225 smartphone at the Taesong Department Store in Pyongyang
(Image: YouTube)

SPECIFICATIONS

- OS: Android 11.0
- CPU: Mediatek MT6771
- Storage: 256GB
- Display: 6.52 inches
- Resolution: 720 x 1,600 pixels
- Subscreen: 1.2 inches
- Front camera: 48 megapixels
- Rear camera: 8 megapixels
- Battery: 5,000 mAh
- Dimensions: 165.3 x 73.5 x 10.2 millimeters
- Weight: 216 grams

MADUSAN 230



The Madusan 230 smartphone was seen on sale in the Taesong Department Store in Pyongyang in early 2025 in a tourist video and has appeared in a company promotional video.

SPECIFICATIONS

- OS: Android 13
- CPU: Mediatek MT6789
- Storage: 256GB
- Display: 6.67 inches
- Resolution: 1,080 x 2,400 pixels
- Front camera: 64 megapixels, 8 megapixels, 5 megapixels
- Rear camera: 24 megapixels
- Battery: 4,900 mAh
- Dimensions: 162.3 x 74.3 x 8.1 millimeters

Figure 26. The Madusan 230 smartphone seen in a company video (Image: Madusan)

MADUSAN 500

The Madusan 500 smartphone has a distinctive octagonal cut out for the cameras on the rear. It appears to be based on the Huawei Mate 70 RS, however that phone costs considerably more than the advertised price of the Madusan 500 at US\$321.



Figure 27. The Madusan 500 smartphone seen in a company video (Image: Madusan)

SPECIFICATIONS

- OS: Android 13.0
- CPU: Mediatek MT6789
- Storage: 256GB
- Display: 6.55 inches
- Resolution: 1,080 x 2,400 pixels
- Front camera: 64 megapixels, 16 megapixels, 2 megapixels
- Rear camera: 24 megapixels
- Battery: 4,000 mAh
- Dimensions: 160 x 73.2 x 7.5 millimeters

MADUSAN 505

The Madusan 505 is a high-end smartphone with a higher specification than the sister 500 model.

SPECIFICATIONS

- OS: Android 13.0
- CPU: Mediatek MT6789
- Storage: 256GB
- Display: 6.78 inches
- Resolution: 1,200 x 2,652 pixels
- Front camera: 108 megapixels, 16 megapixels, 2 megapixels
- Rear camera: 32 megapixels
- Battery: 4,650 mAh
- Dimensions: 160 x 73.2 x 7.5 millimeters

MADUSAN 1005

The Madusan 1005 is a folding-type smartphone that went on sale in 2024. It is a version of the Chinese Doogee V Flip Pro.



Figure 28. The Madusan 1005 smartphone seen in a company video (Image: Madusan)

SPECIFICATIONS

- OS: Android 13.0
- CPU: Mediatek MT6789
- Storage: 256GB
- Display: 6.9 inches
- Resolution: 1,080 x 2,640 pixels
- Subdisplay: 2.69 inches
- Resolution: 800 x 600 pixels
- Front camera: 108 megapixels, 8 megapixels
- Rear camera: 50 megapixels
- Battery: 4,100 mAh
- Dimensions (unfolded): 170 x 75.6 x 7.6 millimeters
- Dimensions: (folded): 87.3 x 75.6 x 15.6 millimeters
- Weight: 193 grams



Figure 29. The Madusan 1005 smartphone

MANMULSANG (만물상)

The Manmulsang (만물상) brand is used by the Yonphung Business Information Technology Centre (연풍상업정보기술사). The company operates a popular online shopping site of the same name and the phones appear to be an attempt to capitalize on the recognition of that brand name.

The company had several phones on display at the Light Industry Development 2025 expo in Pyongyang including the Manmulsang 3, 7, and 390.

MANMULSANG 303



SPECIFICATIONS

- OS: Android 12
- CPU: Mediatek MT6789
- Front camera: 32-megapixels
- Rear camera: 64-megapixels

Figure 30. The Manmulsang 303 smartphone

MANMULSANG 390

No information is available on the Manmulsang 390 except for the photo below.



Figure 31. The Manmulsang 390 smartphone

MOKRAN (목란)

The Mokran Video Company is best known for its large catalog of foreign-sourced content available on CD and DVD. The company also operates a streaming app for smartphones and this seems to have led to Moka-branded smartphones.

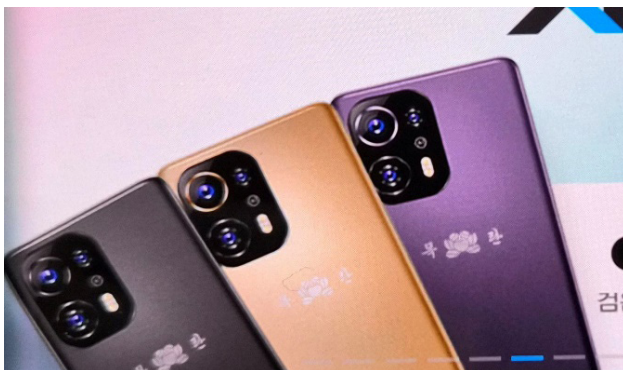
MOKRAN 6500



SPECIFICATIONS

- OS: Android 12
- Storage: 8GB RAM, 256GB ROM
- Front camera: 16 megapixel
- Rear camera: 48 megapixel
- Battery: 5,000 mAh

MOKRAN 6501



SPECIFICATIONS

- OS: Android 12
- Storage: 8GB RAM, 256GB ROM
- Display: 6.55 inches
- Resolution: 2,400 x 1,080 pixels
- Front camera: 24 megapixel
- Rear camera: 64 megapixel
- Battery: 4,500 mAh

MUJIGAE (무지개)

The Mujigae Economic Technology Exchange Company (무지개경제기술교류사) markets phones under the Mujigae (무지개) brand name. At the National Exhibition of IT Successes in Pyongyang, it had at least four phones on show including the Mujigae 9, 10, 11 and 100.

The company does not appear to have been covered in North Korean state media.



Figure 32. The Mujigae booth at the National Exhibition of IT Successes in Pyongyang in October 2025 (Image: KCTV)

MUJIGAE 9, 10, 11

The Mujigae 9, 10 and 11 handsets were all shown on display at the National Exhibition of IT Successes in October 2025 in Pyongyang.



Figure 33. Mujigae phones at the National Exhibition of IT Successes in Pyongyang (Image: KCTV)

MYOHYANG (묘향)



Myohyang brand phones were exhibited at the Light Industry Development 2025 expo in Pyongyang. The Myohyang 905 appears to be the latest model in the series.

The brand owner was revealed as the Myohyang IT Company in a profile in the April 2024 edition of North Korea's "Foreign Trade" magazine. However, in television coverage of the 2025 event, an employees was introduced as working for the Myohyang Electronics Factory (며향전자제품공장).¹⁴

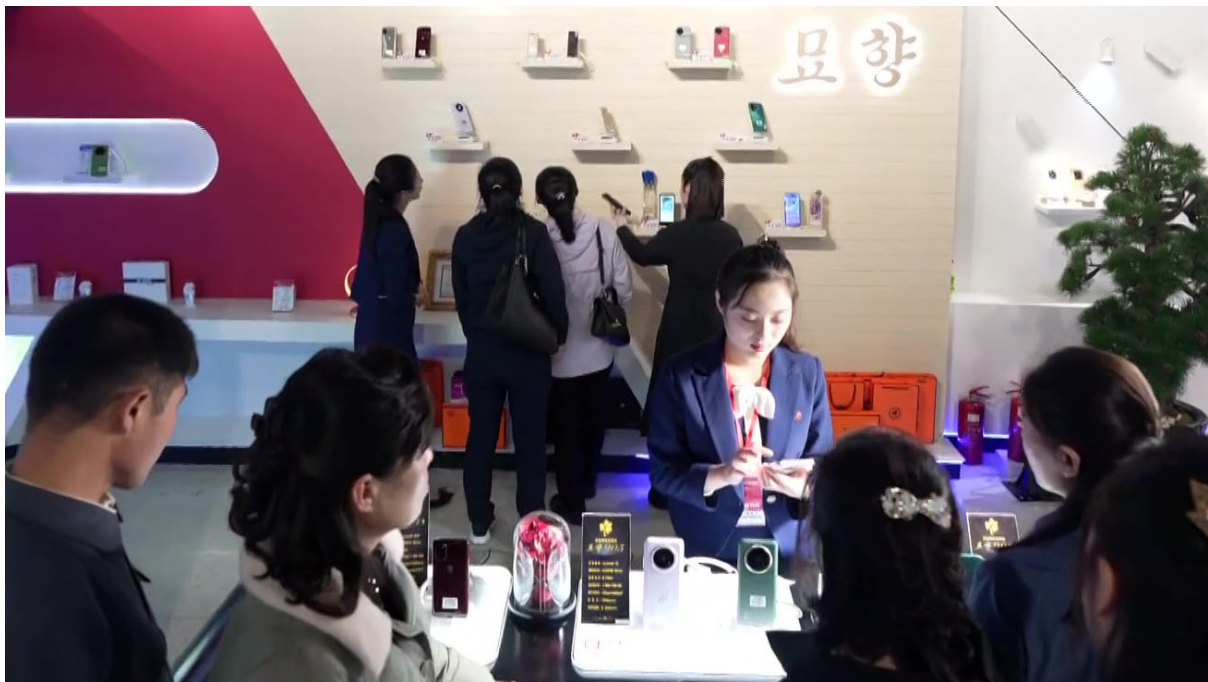


Figure 34. Myohyang phones at the Light Industry Development 2025 expo in Pyongyang (Image: KCTV)

¹⁴ [North Korea sees surge to at least 14 smartphone brands on back of Chinese tech](#), NK News, November 19, 2025

At the Light Industry Development 2023 expo, the company displayed the Myohyang 3, 902 and 903 phones.



Figure 35. Myohyang phones at the Light Industry Development 2023 expo in Pyongyang (Image: YouTube)

MYOHYANG 902



The Myohyang 902 was pictured in the Foreign Trade magazine feature.

SPECIFICATIONS

- OS: Android 10.0
- Storage: 64GB
- Display: 6.1 inches
- Resolution: 720 x 1,560 pixels
- Front camera: 8 megapixels
- Rear camera: 16 megapixels
- Battery: 5,000 mAh

PHURUNHANAL (푸른하늘)

The Phurunhanal brand is used by the Phurunhanal Trading Co. (푸른하늘무역회사) is a general high-tech electronics manufacturer and distributor. Its name Phurunhanal means "Blue Sky" in Korean. It was established in October 2014.

Its headquarters are on Tongil Street in Pyongyang and consist of several two- and three-story factory and office buildings. Construction of the first factory building began around 2006 and a second building was added to the site in 2010. Work on a third building began in 2012 and a fourth building was added in 2017.

The factory appears to be home to some of North Korea's most advanced electronics production lines. A circuit-board tester at the factory was featured on the cover of Foreign Trade magazine for the second quarter of 2016 and a profile at the time said the factory could handle surface-mount components. These are tiny components that require machine placement and processing and are difficult to use by hand.

The profile said the factory was over 10,000 square meters at the time and could produce 300,000 circuit boards and 200,000 products per year.

PHURUNHANAL 9-2



The Phurunhanal 9-2 was seen in a social media posting in March 2023. Specifications of the phone are not clear.

PHURUNHANAL 9-3

An updated model of the Phurunhanal 9-2 called the 9-3 was launched in 2025. Only partial specifications are available.

SPECIFICATIONS

- OS:
- Processor: MT6878
- Display: 6.78 inches
- Storage: 12+8GB RAM, 512GB ROM
- Front camera: 16 megapixel
- Battery: 4,900 mAh

PHURUNHANAL UNIDENTIFIED MODELS

There are several smartphones sold by Phurunhanal that have not been identified by their North Korean model numbers. Of the phones, the first in this list appears to be based on the Xiaomi 15 Ultra and the final phone of the four appears similar to the Huawei Mate 60 Pro.





Many of the phones were featured by the company at the Pyongyang Autumn International Trade Fair in October 2025.



Figure 36. The Phurunhanal booth at the Pyongyang Autumn International Trade Fair in October 2025 (Image: KCTV)

PYONGYANG (평양)

The Pyongyang smartphone brand of Checom Technology Joint Venture Company (체콤기술합영회사) is one of the oldest in North Korea, having been on the market since around 2010.

A 2012 report by the U.S. Government's Open Source Center said the company was established in July 2003 and partnered with a company in China's Zhejiang province, although no additional information on the Chinese partner was listed and the source of the information was not listed.¹⁵

No other information is known about Checom, although in late 2023 a retail store featuring the company's logo was shown on state television.



Figure 37. Staff in a Checom smartphone retail store, broadcast on Korean Central Television on October 22, 2023. (Image: KCTV)

Several of the company's phones were featured at the Light Industry Development 2025 expo in Pyongyang in October 2025.

¹⁵ [North Korea -- Characteristics of Joint Ventures With Foreign Partners, 2004-2011](#), Open Source Center, March 1, 2012



Figure 38. Pyongyang brand smartphones at the Light Industry Development 2025 Expo in Pyongyang in October 2025 (Image: KCTV)

PYONGYANG 2431



The Pyongyang 2431 was identified in an image from the Light Industry Development expo in Pyongyang in November 2023. No additional information is known about the handset.

PYONGYANG 2432

No further information is known about the Pyongyang 2432.



Figure 39. The Pyongyang 2432 smartphone (Image: NK TechLab)

PYONGYANG 2435



The Pyongyang 2435 was identified in an image from the Light Industry Development expo in Pyongyang in November 2023. No additional information is known about the handset.

Figure 40. The Pyongyang 2435 smartphone

PYONGYANG 2436



The Pyongyang 2436 was identified in an image from the Light Industry Development expo in Pyongyang in November 2023. No additional information is known about the handset.

Figure 41. The Pyongyang 2436 smartphone

PYONGYANG 2437



The Pyongyang 2437 was identified in an image from the Light Industry Development expo in Pyongyang in November 2023. No additional information is known about the handset.

Figure 42. The Pyongyang 2437 smartphone

PYONGYANG 2438



The Pyongyang 2438 was released around 2024. No technical specifications are known.

Figure 43. The Pyongyang 2438 smartphone

PYONGYANG 2439



The Pyongyang 2439 was seen in an advertisement. No technical specifications are known.

Figure 44. The Pyongyang 2439 smartphone

PYONGYANG 7020

The Pyongyang 7020 is an exception from the company's typical naming convention and appears to be a special model or perhaps the first model in a premium range. It has a "70" animation when the phone boots up.

No technical specifications are known.



Figure 45. The Pyongyang 7020 smartphone

RAKWON (락원)

Rakwon brand smartphones appeared at the Light Industry Development 2025 expo in October. The phones include a flip-style smartphone, but no further details are available.

They appeared on an separate exhibit from the Rakwon Trading Company (락원무역총회사) which sells Android-based smart TVs under the same brand name. They also appear to use a different logo, suggesting they are separate companies.

No technical details on the phones is available.



Figure 46. Rakwon phones at the Light Industry Development 2025 expo in Pyongyang (Image: KCTV)

RISANG (리상)

Risang smartphones appeared at the Light Industry Development 2025 Expo. The company appeared to have at least four different models on sale, according to a photo published by NK News.¹⁶

All model numbers that were visible were “821,” so it appears several models are sold under that series name. Specifications of the phones are not known.



Figure 47. Risang brand smartphones at the Light Industry Development 2025 Expo (Image: NK News)

¹⁶ [North Korea sees surge to at least 14 smartphone brands on back of Chinese tech](#), NK News, November 19, 2025

RUNGRADO (릉라도)

Rungrado smartphones appeared at the Light Industry Development 2025 expo under the Rungrado Trade Bureau (릉라도무역국) name. The same brand name was visible on the rear of phones advertised by the Ryongsung Trading Company in the January 2023 edition of North Korea's "Foreign Trade" magazine, indicating a link between the two companies or a renaming.¹⁷

A couple of Rungrado phones were shown in a social media video but others have not been prominently featured by North Korean state media.¹⁸

Additional models to those not listed include the Rungrado 3802, 3907, 3914, 3916, 3918. The Rungrado 3914 appears to be based on the Huawei P60. No details are available on the other models.

RUNGRADO 3603



Figure 48. The Rungrado 3603 smartphone (Image: X)

¹⁷ [North Korean Smartphone Brand Opens Showcase Shop on Skyscraper Street](#), NK News, June 21, 2023.

¹⁸ “探索北韓，全世界最快樂的國家，” YouTube, March 19, 2025 (Account now terminated)

RUNGRADO 3909



SPECIFICATIONS

- CPU: Mediatek MT8788
- OS: Android 9.0
- Storage: 8GB RAM, 256GB ROM
- Display: 6.5-inches
- Resolution: 1,080 x 2,340 pixels
- Battery: 4,500 mAh

Figure 49. The Rungrado 3909 smartphone

RUNGRADIO 3910

The Rungradio 3910 appears to be based on the [Ulefone Armor 17 Pro](#). A photo obtained of the phone and the specifications match that of the Ulefone model.

SPECIFICATIONS

- OS: Android 12
- Processor: MT6789 (8 core, 2GHz)
- Display: 6.59 inches
- Resolution: 2,408 x 1,080 pixels
- Storage: 8+5GB RAM, 256GB ROM
- Front camera: 16 megapixels
- Rear camera: 108, 8, 8 megapixels
- Battery: 5,380 mAh

RUNGRADIO 3912

SPECIFICATIONS

- OS: Android 12
- Processor: MT6789
- Display: 6.78 inches
- Resolution: 2,400 x 1,080 pixels
- Storage: 12+12 GB RAM, 256GB ROM
- Front camera: 32 megapixels
- Rear camera: 108 megapixels
- Battery: 5,050 mAh

RUNGRADO 3988

SPECIFICATIONS

- OS: Android 14
- Processor: MT6878 (8 core, 2GHz)
- Display: 6.7 inches
- Resolution: 2,410 x 1,080 pixels
- Storage: 16GB RAM, 512GB ROM
- Front camera: 32 megapixels
- Rear camera: 50 megapixels
- Battery: 4,750 mAh

SAMJIYON (삼지연)

A photograph of a smartphone called the Samjiyon 303 appeared on a Chinese website. The company behind the Samjiyon is unclear but the logo on the rear holds a clue.

It matches that of the Korea Computer Center (조선컴퓨터센터), which was reportedly dissolved around 2015 and split into several new organizations. Further, before it was dissolved, the KCC marketed a tablet computer around 2012 called "Samjiyon."

Therefore, it is unclear whether KCC might still exist in some form or if one of its new organizations took its logo. The phone does not appear to have been shown in North Korean media, so it is possible it exists as a mock-up made in China that never appeared in the domestic market.

SAMJIYON 303



The Samjiyon 303 appears to be based on the Huawei P50 Pro. It has the same distinctive dual-camera module at the rear.

SPECIFICATIONS

- Screen: 6.67-inches
- Resolution: 2,400 x 1,080 pixels
- Storage: 256GB
- Battery: 5,000mAh

Figure 50. The Samjiyon 303 smartphone

SAMTAESONG (삼태성)

Samtaesong smartphones are marketed by Jongsung Economy & Technology Exchange Company (전승경제기술교류사). The phones first appeared around 2019 and the brand was prominently featured on Korean Central Television in 2023.

It is one of a handful of North Korean brands currently offering a flip-style smartphone alongside conventional models.



Figure 51. A Samtaesong showroom, seen on Korean Central Television on October 22, 2023 (Image: KCTV)

SAMTAESONG 8

The Samthaesong 8 smartphone was launched in late 2023 and went on to become one of the most popular phones in North Korea in 2024, according to Daily NK.



Figure 52. The Samtaesong 8 smartphone (Image: KCTV)

SPECIFICATIONS

- Processor: MT6771 (8 core, 2.1GHz)
- Display: 6.5 inches
- Resolution: 2,340 x 1,080 pixels
- Storage: 8GB RAM, 256GB ROM
- Front camera: 25 megapixels
- Rear camera: 64 megapixel, 8 megapixel wide angle, 2 megapixel macro
- Battery: 4,000 mAh

SAMTAESONG 9

The Samthaesong 9 smartphone was also launched in 2023. No information regarding the phone is available except for its 64 megapixel resolution camera.



Figure 53. The Samtaesong 9 smartphone (Image: KCTV)

SAMTAESONG 10

The Samtaesong 10 is a flip-type smartphone that appears to be based on the Blackview Hero 10 phone. Both have similar specifications and a distinctive round sub display on the outside of the case.

SPECIFICATIONS

- OS: Android 13
- Processor: MT6789 (8 core)
- Display:
- Resolution: 2,790 x 1,180 pixels
- Storage: 18GB RAM, 256GB ROM
- Front camera: 32 megapixels
- Rear camera: 108, 8 megapixels
- Battery: 4,000 mAh



Figure 54. The Samtaesong 10 smartphone (Image: KCTV)

SONAMU (소나무)

The Sonamu (소나무) brand launched three smartphones in 2022 and 2023. The same three phones are still on sale by the company and a further device appeared at the Light Industry Development 2025 exhibition. The apparently small line-up of phones suggests Sonamu is a minor player in the North Korean market.



Figure 55. The Sonamu 381, 382 and 383 at the Light Industry Development 2023 expo (Image: YouTube)

SONAMU 381

The Sonamu 381 was released in 2022.

SPECIFICATIONS

- OS: Android 9.0
- Processor: MT6771 (8 core, 2GHz)
- Display: 6.3 inches
- Resolution: 2,340 x 1,080 pixels
- Storage: 4GB RAM, 64GB ROM
- Front camera: 16 megapixel
- Rear camera: 48, 8, 2 megapixel
- Battery: 4,000 mAh
- Dimensions: 157 x 75 x 8.4 millimeters

SONAMU 382

The Sonamu 382 was also released in 2022.

SPECIFICATIONS

- OS: Android 10.0
- Processor: MT6771 (8 core, 2GHz)
- Display: 6.53 inches
- Resolution: 2,340 x 1,080 pixels
- Storage: 6GB RAM, 128GB ROM
- Front camera: 16 megapixel
- Rear camera: 48, 8, 2 me
- Battery: 4,700 mAh
- Dimensions: 161 x 76 x 9.25 millimeters
- Weight: 210 grams

SONAMU 383

A poster advertising the Sonamu 383 was visible at the Light Industry Development exhibition in Pyongyang in October 2023 and the phone was shown at the Light Industry Development 2025 expo. It has a distinctive shield-shaped cut out for the rear cameras. No further information is known about the device.

SONAMU 384

The Sonamu 384 was shown at the Light Industry Development 2025 expo in Pyongyang. No details on its specifications are available.

SUJONGCHON (수정천)

The Sujongchon Technology Trading Co. (수정천기술무역회사) markets at least one phone under its own brand name. Sujongchon also sells an Android smartwatch called the 5010 and sells LCD televisions under its brand name.



Figure 56. The Sujongchon booth at the Pyongyang Spring International Trade Fair in May 2025
(Image: KCTV)

SUJONGCHON 3010

The Sujongchon 3010 smartphone was launched in 2024, and features a generous amount of user storage although the 64-megapixel main camera is far from the best on the market.



SPECIFICATIONS

- CPU: Mediatek MT6789
- OS: Android 12.0
- Storage: 256GB
- Display: 6.67 inches
- Front camera: 32 megapixels
- Rear camera: 64 megapixels, 8 megapixels, 2 megapixels
- Resolution: 1,080 x 2,400 pixels
- Battery: 5,000 mAh
- Dimensions: 161.8 x 74 x 8.2 millimeters
- Weight: 183 grams

NK|TECHLAB

38 NORTH

 **LUMEN**

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