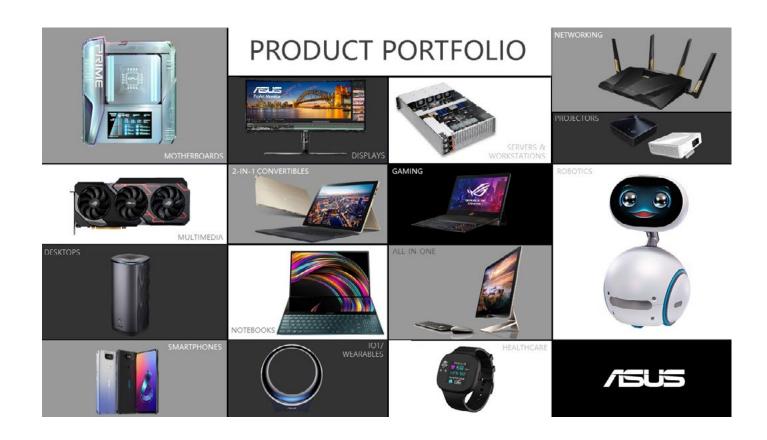
Introduction



**Company Profile Business Philosophy Applications of Innovative Technology** 



ASUS is a multinational company known for the world's best motherboards, PCs, monitors, graphics cards and routers. Along with an expanding range of superior gaming, contentcreation and AIoT (Artificial Intelligence of Things) solutions, ASUS leads the industry through cutting-edge design and innovations made to create the most ubiquitous, intelligent, heartfelt and joyful smart life for everyone. With a global workforce that includes more than 5,000 R&D professionals, ASUS is driven to become the world's most admired innovative leading technology enterprise. Inspired by the In Search of Incredible brand spirit, ASUS won more than 11 awards every day in 2019 and ranks as one of Forbes' World's Best Regarded Companies and Fortune's World's Most Admired Companies.

ASUS Group consolidated revenue for 2019 was NT \$351.3 billion, and net profit after tax was NT \$13 billion.

About |

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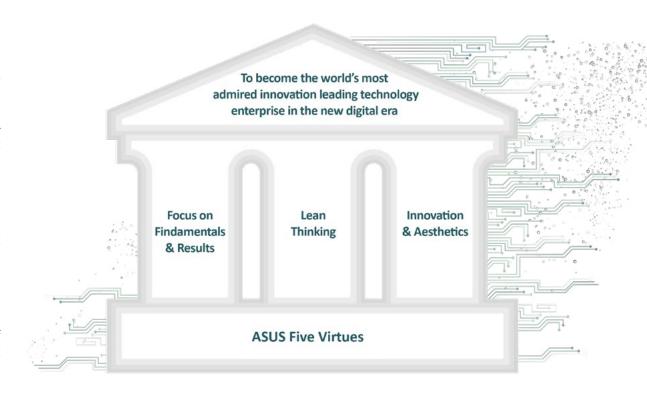


# **Company Profile**

ASUS is passionate about technology and driven by innovation. We dream, we dare and we strive to create an effortless and joyful digital life for everyone. We're always in search of incredible ideas and experiences and we aspire to deliver the incredible in everything we do.

ASUS has developed a unique framework that unites our global workforce and helps all ASUS employees excel in both their professional and personal lives.

It establishes a common language for bringing together our international and diverse workforce all over the world. We call this framework ASUS DNA. In the ASUS DNA framework, there are 4 pillars that provide touchstones for success as individuals and as an organization. When combined, they help keep our global organization focused on its primary goal of becoming the world's most admired innovative leading technology enterprise in a new digital era.



### **Focus on Fundamentals & Results**

To ensure a holistic approach to design and innovation, ASUS encourages every employee to pursue each project by looking at it from every possible angle, which ultimately results in incredible quality and userfriendly functionality.

## **Lean Thinking**

ASUS encourages open communication across all levels of the organization, in a continuous effort to improve efficiency throughout the different stages of design, development and production. We've also incorporated the principles of Lean Six Sigma, which help create efficiencies and conserve resources, in turn leading to lower costs.

### **Innovation & Aesthetics**

Like the perfection-seeking artist, ASUS seeks to create solutions that are both beautiful and practical. This meticulous attention to detail, along with a customer-focused approach, enables us to fulfill our commitment of delivering incredible experiences to people everywhere.

# **Business Philosophy**

ASUS has gone through numerous business transformations over the past 30 years. In recent years, public focus on companies has extended to include environmental protection efforts as well as socially responsible practices that also promote economic growth. Facing challenges and opportunities, ASUS has developed sustainability strategies that promote innovation while making us a better, more responsible corporation.

We believe that sustainability is a social responsibility, and that related goals should help address problems in society while protecting the environment. Socially responsible practices should seek the well-being of humankind while the business pursues operational growth. Therefore, guided by an honest desire to do the right thing while building the business, ASUS has merged sustainable practices with operations concepts, and each decision we make includes consideration of environmental and social impacts.

Inspire, motivate and nurture our employees to explore their highest potential



ASUS has strived to build a workplace of high standards by promoting equality, diversity, and tolerance. Resources are committed to educational courses, online learning, and tuition subsidies. These resources, combined with competitive salaries, health plans and generous benefits, help employees achieve a work-life balance.

Commit to integrit and diligence; focus on fundamentals and results



Honesty is a cornerstone of the ASUS business culture. All of our employees must comply with our Employee Code of Conduct. Key elements of this code also apply to our strategic partners, and the ASUS culture of honesty is promoted via regular trainings with, and audits of, partners across the supply chain.

Endlessly pursue to be number 1 in the areas of quality, speed, service, innovation and cost-efficiency



ASUS is renowned globally for providing top-tier mother-boards, high-quality PCs, IT equipment and versatile technology solutions. We continue to develop innovative technologies which provide unprecedented digital experiences for consumers.

Strive to be among the world-class green high-tech leaders and to provide valuable contributions to humanity



The ASUS design process includes consideration of the entire life cycle. With emphasis on environmental sustainability at each phase, measures are taken to improve efficiency and reduce resource consumption. This reduces our environmental footprint. We also apply digital technologies and services to help solve social problems, helping to promote well-being in communities.

# **Applications of Innovative Technology**

During the Meeting of the Group of Friends on Digital Technologies held in 2019, António Guterres, the Secretary General of the UN, expressed that "New technologies, and particularly digital technologies, are already having a major impact on the world, affecting all our work on international peace and security, sustainable development and human rights." Heading towards the 4th industrial revolution, the methods of achieving sustainability goals via digital technology while establishing profit and sustainable competitiveness have made global leading corporates eager to invest in.

#### Strive to create infinite possibilities through the introduction of innovative technologies.

ver recent years, ASUS has invested in the development of AloT-related technology and applications, which has made us one of the very few corporations with key software and hardware technologies in clouds software, AI system, IoT solutions and servos), as well as with the capability of integrating them into technological solution. We shall continue to work with partners in the public and private sectors to make environmental and social contributions through technology to build a better future.



# **AI-Assisted Workplace Safety**

ASUS designs AI models to analyze work environments and equipment status to monitor certain aspects of operations.

Unknown safety hazards and human operation errors are the two main causes of accidents. Through the active protection provided by AI, we are working to create a safer workplace.



### **Al-Assisted Production**

The introduction of AI learning can improve accuracy of yield rates and also reduce labor costs. ASUS plans to use AIassisted data analysis across the supply chain to move toward raising production quality standards even higher.

#### Al Healthcare

An aging population is a social phenomenon currently seen around the world, and it is accompanied by increasing cases of chronic diseases. With the rapid increase of medical insurance expenditures in many countries, maintaining frontline healthcare and effective management of expenditures has become a big challenge for the modern medical system. The 2018 World Health Assembly determined that digital technology can play an important role in improving public health and recommended that countries around the world develop and expand the use of digital healthcare as a way to promote sustainability.

ASUS promotes AI healthcare by adopting innovative technology and integrating software and hardware. For healthcare systems that mainly provide diagnosis and treatment to more comprehensive ecosystems offering preventive medicine, quick screening, disease care and development of physical and mental functions, we are able to provide effective health testing and comprehensive management solutions<sup>1</sup> to address the challenges associated with aging populations.







#### **Medical Internet**

Wearable devices monitor and record heart rate, blood pressure, body temperature and other data as well as provide sleep management and fitness and health programs to help users manage their health. Big data platforms can link with AI medical devices, enabling users to share their physiological status with medical institutions and receive telemedicine and health management services, and help hospitals develop precision medicine.

### **Artificial Intelligence Digital Diagnosis**

Artificial intelligence digital diagnosis is a technology that integrates medical devices with automatic reporting systems to help medical personnel conduct effective diagnoses of illnesses. ASUS has already used this technology to introduce ultrasound quick screening and, in the future, will create a heart sound database to help diagnosis of heart disease.

### **Medical Data Platform**

ASUS has collaborated with Clinerion, a Swiss medical data firm, to develop medical big data and clinical trials through query networks and case accumulation and the incorporation of data platform resources. The data from domestic hospitals can connect to international clinical trials immediately, which further accelerates the development of new drugs and improves the success rate, enabling patients to receive treatment as soon as possible. This approach has highlighted Taiwan's importance in international clinical trials.

 $<sup>^{1}</sup>$  ASUS Medical Clouds data complies with the Health Insurance Portability and Accountability, HIPPA.



#### **Smart Care**

ASUS collaborated with IBM Watson to launch AiNurse technology. This gave ASUS' first robot, Zenbo, basic medical monitoring function. The Zenbo robot's medical care application program has been applied to at least five medical centers in Taiwan. This includes Mackay Hospital, Taipei Veterans Hospitals, Linkou Chang Gung, China Medical University Hospital, and Kaohsiung Medical University Chung-Ho Hospital.

At present, AiNurse is able to integrate electronic medical records. This assists medical staff in their work specialization. As well, all measured physiological information is synchronously integrated to the OmniCare data platform and the final solutions are offered through AiNurse.

AiNurse makes remote hospital care more convenient and effective and gradually improves personalized care services. In the future, it will meet the needs of more medical care systems in terms of functions.



#### **Smart Solution for the Prevention of COVID-19**

COVID-19 started to spread all over the world since the beginning of 2020 and is fatal to the health of human beings while also affecting economic development. ASUS adopted a smart medical and healthcare cloud technology to work in conjunction with Taoyuan Hospital, a vital hospital for the prevention of the pandemic in Taiwan in order to help the government in the prevention and inspection of the coronavirus. With a complete smart medical and healthcare solution, ASUS helped to build a framework for the prevention of the pandemic and the enforcement of front line protection together with the medical staff. A pair of multiple long distance cloud health management technology could be built in with a long-hour cell phone and wearable, which allows for 24-hour remote monitoring of physiological data of suspected infections in real-time. This helps to assure no direct contact between the medical staff and the patients at the time of performing their duties, and could substantially help to reduce the risk of infection. In addition, ASUS has also customized a multiple-management APP. Through the mode of continuous data collection, several entries of physiological information will be linked to the cloud system of the hospital so that the hospital can use the information from the big data and take immediate action to prevent the outspread of the pandemic.



### **Smart Solution for Medical Healthcare Community**

In the wake of the aging society worldwide, the buildup of a viable long-term care system and the need to narrow the gap of the scarcity of human resources for the caring duties have indeed the social issues attracting much of the attention all over the world. ASUS launched the solution of smart medical and healthcare community care systems through a joint venture with the Aging Management Research Center at National Chiayi University in an attempt to integrate the resources from the industry and the government. In practice, this system extends the healthcare system previously focused on the treatment of disease to preventive medicine, community quick screening, care for the patients and the development of physical and mental function from a multilateral perspective. For example, smart wearables could help to detect and monitor body temperature, breathing and heart rate automatically for collecting big data for long-term care and as reference for health management and diagnosis. Or, it could also help to pinpoint the location of the elderly or detect their motion to learn about the dangers in advance and prevent the occurrence of accidents.

The objective of ASUS in the future is the search for prospective joint venture partners among the newly startup medical companies to consolidate using the research and development, brand name, and channel advantages of ASUS on hand and the potentials of research and development of these startup firms in different products and services through the mode of "Smart Medical Care Industry Alliance" to give momentum to the international market for creating new value of technology at this very moment of the takeoff of the smart medical industry.