

# INDUSTRIAL GRADE MINI PCS



**Polywell Q470L2G**  
11/10th Gen Socket-vPro®,  
3 Display 2 HDMI + DP,  
2 LAN + 6 COM, 4 M.2 + PCIe x16 Slot  
Price: starting at \$ 501 ex-works

**200+**

**mini and embedded  
PC models for  
any demand**

**Polywell U10AL2**  
10th Gen u-series,  
UHD Graphics  
HDMI+DP/VGA+LVDS,  
2 LAN+COM, 2 SATA+NVMe  
Price: starting at \$ 486 ex-works



POLYWELL COMPUTERS COMBINES TWO MAJOR GLOBAL TECHNOLOGICAL TRENDS IN ITS PRODUCTS:

## Industrial digitalization

## Computer miniaturization

Gradually, the concept of industrial PCs expanded, and we began calling industrial computers all computers that control any production processes. And not necessarily in industry.

During the whole history of computers, the mankind strived to decreasing their size and power consumption. Polywell Computers invites you to the future with us. The future of small form factor computers capable of running virtually any tasks and solving virtually any problems.

**POLYWELL SFF (SMALL FORM FACTOR) MINI PCS ARE IDEAL FOR THE FOLLOWING APPLICATIONS:**

- **Digital Signage**
- **Video surveillance**
- **Thin clients**
- **Media players**
- **IP TV**
- **POS systems**
- **Information kiosks**
- **ATMs**
- **Network appliances**
- **Industrial control**
- **IoT**
- **Edge Computing**
- **Artificial Intelligence**

## ABOUT POLYWELL COMPUTERS

Polywell Computers, Inc. is based in the Silicon Valley in California, USA, and has been manufacturing the highest quality computers since 1987. We have established our reputation by becoming a recognized leader in personal computing. Our products are regularly reviewed by major publications, and we have received numerous awards. The company is widely known not only in the USA, but also in the markets of Europe, Latin America, and Asia.

## COMPLIANCE AND CAPABILITIES

Our PCs have all the necessary compliance certificates in the USA, Europe, Asia and other regions.

We can also provide OEM/ODM services for our customers. The company has manufacturing facilities in the USA, China and Vietnam.

# WE CAN MEET VIRTUALLY ANY CUSTOMER REQUIREMENT WITH OUR PRODUCT RANGE

## MULTIPLE VIDEO PORTS

**Nano-U12P**  
12th Gen. Alder Lake,  
Iris® Xe 8K GPU 4 Display,  
HDMI 2.0+DP 1.4+2 ThunderBolt 4,  
WiFi 6/BT 5.0+2.5GbE LAN  
Price: starting at **\$ 395** ex-works



## NETWORK APPLIANCES WITH MULTIPLE LAN PORTS

**Nano-U10L6**  
10th Gen. Comet Lake-u,  
UHD 10th Gen. GPU 4K GPU 2 Displays,  
SATA+M.2 NVMe,  
6 LAN+4 USB 3.0  
Price: starting at **\$ 561** ex-works



## FANLESS

**Nano-U8FL2C6**  
Whisky Lake u-Series, UHD Graphics HDMI+DP,  
3 LAN+10 USB+2 M.2,  
PCIe x8+6 COM+vPro®,  
Operating Temperature: -20 to +60 C  
Price: starting at **\$ 517** ex-works



## WITH COM PORTS

**Q470L2G**  
11/10th Gen Socket-vPro®,  
3 Display 2 HDMI + DP,  
2 LAN + 6 COM,  
4 M.2 + PCIe x16 Slot  
Price: starting at **\$ 501** ex-works



## WITH SPARE EXPANSION

**Z690L2V4**  
12th Gen Socket-S,  
PCIe 5.0 x16 slot,  
2 x NVMe 4.0 DP1.4 + HDMI 2.1,  
Dual LAN 2.5G+1G  
Price: starting at **\$ 629** ex-works



## POWERED BY POE

**N4100V**  
UHD600 4K Graphics,  
HDMI+DP+VGA Display,  
Fanless Gemini Lake, 4 USB + TF Reader  
Price: starting at **\$ 246** ex-works



## OPS AND SDM

**OPS-U11A**  
11th Gen Core™ -u vPro®,  
Iris® Xe/UHD Graphics Dual 4K Displays,  
4USB + Type-C,  
3 M.2 + SIM for 4G-LTE  
Price: starting at **\$ 363** ex-works



## SWAPPCS

**SwapPC-H510A**  
Swappable PC 11th Gen. Rocket Lake,  
UHD 750 Graphics 3 HDMI + DP,  
2 M.2 slots,  
8 USB + Type-C  
Price: starting at **\$ 330** ex-works



## WITH 4G AND 5G MODULES

**Nano-N6005D**  
11th Gen. Jasper Lake,  
11th Gen. Graphics,  
HDMI + DP 2 Display,  
COM+MiniPCIe+SIM  
Price: starting at **\$ 283** ex-works



## ANDROID PCS

**X55**  
Nano ARM Android,  
Dual LAN + WiFi/BT,  
2 M.2 for NVMe/SSD + 5G/4G-LTE,  
TF + SIM  
Price: starting at **\$ 166** ex-works



## WITH BUILT-IN BATTERY

**Nano-8000FL2C**  
8th Gen. Kaby Lake-R,  
UHD620 4K GPU 2 Display,  
2LAN+2COM SATA+M.2 NVMe,  
M.2 WiFi+MiniPCIe+SIM  
Price: starting at **\$ 287** ex-works



## RICH CHOICE OF I/O PORTS

**Nano-J1900L4**  
Bay Trail J1900 Processor,  
4 LAN+2 COM,  
2 SATA+mSATA,  
MiniPCIe+SIM  
Price: starting at **\$ 216** ex-works



**Notes:**  
Listed systems are examples of wide variety of our products. All the price listed herein are for reference only. They are not a public offer and are subject to change without notice.



## OUR ADVANTAGES

- We have been specializing in the design and production of embedded and industrial mini-PCs for many years.
- We use industrial-grade components for our systems, which ensures long-term, round-the-clock operation, 365/7/24.
- Unlike many manufacturers, we openly publish MTBF for our systems (100,000 hours – over 11 years), making our systems truly industrial class systems.
- Many of our mini-PCs meet environmental parameters (temperature, mechanics) for industrial-grade systems.
- We produce mini PCs powered by Intel, AMD and CRM CPUs.
- Our systems ship with Windows, Windows IoT, Linux and Android operating systems.
- A number of our systems are fanless, which ensures quiet operation and low power consumption.
- Several models are equipped with LTE modules (4G and 5G) for autonomous Internet connectivity.
- We are one of the few manufacturers in the world that are able to ensure the uninterruptable operation of Android PCs in 365/7/24 mode.
- As a hardware manufacturer, we can custom tailor the firmware for you, develop device drivers, optimize the OS kernel, and provide long-term lifetime hardware support.
- Our systems are approved and recommended for use as content players by many global Digital Signage providers.
- We offer attractive pricing. In fact, you get industrial grade systems at commercial grade prices, making our offerings unique within the market.
- Many of our models are also one-of-a-kind, with unique features that you cannot get anywhere else.
- A number of our systems may be powered by PoE.

## PARTNERSHIP

Polywell Computers is the technological partner of the following companies:

- Intel Corporation – the world's largest semiconductor chip manufacturer. Gold Partner.
- Stratodesk Inc. – the manufacturer of a Linux-based operating system and a centralized thin-client endpoint management system.
- Radix Technologies Ltd. – the manufacturer of end-to-end device management solutions, consolidating all the organization devices, processes, and stakeholders into one easy-to-use management platform.
- Telemetry TV – the manufacturer of cloud-based Digital Signage CMS.
- Novisign Digital Signage – the manufacturer of cloud-based Digital Signage CMS.
- Onsign.TV – the manufacturer of cloud-based Digital Signage CMS.

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### PARTNER NAME AND CONTACT INFORMATION



partner's  
QR code

partner logo