FOR IMMEDIATE RELEASE

# Avalue Launches HPS-621D4A and HPS-246U4A HPC Servers with Flexible 4U Rackmount / Tower Design

## *Designed for a variety of applications, supporting Intel® Xeon® Scalable processors*

***TAIPEI, TAIWAN, Sep. 2nd, 2021 -*** Avalue Technology Inc. (TAIEX: 3479-TW), a global industrial PC solution provider and an associate member of the Intel® Internet of Things Solutions Alliance, is pleased to announce its high performance rackmount servers, HPS-246U4A and HPS-621D4A, available as L6 barebone or L10 full systems, designed for wide ranging applications including AI, 5G, IoT hub, Machine Learning, Edge Computing, and Medical Precision Computing.

In addition to its flexible HPC server designs, Avalue provides customization services for special requirements, certifications and even additional BIOS/IPMI features. Avalue goes beyond competitors to provide 5-year longevity support.

### Rackmount server designed with tower workstation usage flexibility, and with case open detection and lockable front door mechanism for data security

The 4U 19" rackmount server is an industrial standard. With a tool-free cover it can have quick and easy maintenance, also the case open detection sensor can alert to prevent unauthorized opening. It serves a building block for all compute-intensive applications, and it is convertible to be a tower workstation with chassis stands installed. The tower server chassis offers more space with future upgrade potential, better machine scalability, and a wider range of applications, making it the most widely used chassis style. With our unique flexible design, users can choose the right type of server according to their needs.

The chassis offers three front accessible 2.5-inch storage bays, two USB 3.2 Gen1 ports, plus space for a standard Super Multi DVD Rewriter optical drive suitable for storage, data transfer and archiving. These external ports and storage devices can be together removed and rotated by 90-degrees according to the chassis orientation. A lockable front door ensures their security when not in use.

### HPS-621D4A – Dual Socket High-Performance Edge Computing Solution

Ideally suited to HPC applications that require significant CPU and GPU compute performance, the HPS-621D4A incorporates dual 2nd Generation Intel® Xeon® Scalable processors, plus up to three full-length, double wide GPU cards, and three 2.5-inch SATA drives that are front accessible. A 1300W PS2 power supply provides substantial and reliable power for all configurations. Multiple network configurations are supported via 4x RJ45 Gigabit Ethernet ports and multiple high-resolution monitors via GPU cards. The RTC battery is twice the capacity, to avoid on-site battery replacement.

In edge computing applications, the HPS-621D4A is ideal for clinics, hospitals, laboratories, and medical facilities that require DVD storage for reports, IGT, CT, and MRI that requires a powerful GPU for fast processing and IPMI for remote management.

HPS-621D4A is available as L6 barebone or L10 pre-built systems. The L10 SKU incorporates 2 x Intel® Xeon® Gold 6230 processors and NVIDIA® Quadro RTX™ 5000, NVIDIA® Quadro P2200 professional GPU card.

### HPS-246U4A - Entry-level High-Performance Computing Solution

A highly integrated workstation that’s ideal for medical, manufacturing, and edge-AI applications, the HPS-246U4A supports Intel® 8th & 9th Gen Xeon® E processors, providing a great price-performance factor with low TCO. Up to three 2.5-inch SATA drives and one double-wide high-performance GPU card support. If a powerful GPU is not required, users can opt for the built-in Intel UHD Processor Graphics that provides minimum noise, maximum power efficiency, and up to three monitor support. Seven RJ45 Gigabit Ethernet ports; creating an ideal platform for the powerful network router, server applications, smart manufacturing, edge AI or IP camera applications that require ultra-low latency, high-performance processing. IPMI 2.0 Remote Management ensures remote accessibility and twice the RTC battery capacity to reduce in-field maintenance.

The HPS-246U4A is available in L6 barebone or L10 pre-built systems. The L10 system option combines a powerful Intel® Xeon® E-2176G – 6 core, 12-thread CPU with up to 4.7GHz clock speed and NVIDIA® Quadro P2200 professional GPU card with up to four 4K monitor support.

### Further Information

* HPS-246U4A: <https://www.avalue.com.tw/products/High-Performance-Computing/19%22-4U-Rackmount-%26-Tower/19%22-4U-Rackmount-%26Tower-workstation/HPS-246U4A_2996>
* HPS-621D4A: <https://www.avalue.com.tw/products/High-Performance-Computing/19%22-4U-Rackmount-%26-Tower/19%22-4U-Rackmount-%26Tower-workstation/HPS-621D4A_2997>
* Product Brochure:
<https://www.avalue.com.tw/ecatalog_download.aspx?id=102>

Visit [www.avalue.com.tw](http://www.avalue.com.tw/) for more information on Avalue products, or contact sales@avalue.com.tw to talk to the sales team.

### About Avalue Technology

Avalue Technology (TAIEX: 3479-TW) is a professional industrial computer manufacturing company, who is dedicated to developing the x86 and RISC architecture products, including embedded computers, single board computers (SBC), Systems-on-Modules/ ETX (SoM/ ETX), industrial motherboards, all-purpose panel PCs, barebone products, mobile solutions, Industry 4.0 solutions, retail solutions and various IOT-ready products. Having expanded, Avalue offers its expertise on PCB/ Assembly/ BIOS version control and all types of after-sales services. An ISO 9001:2008, ISO 13485:2003, ISO 14001:2004 and ISO 45001:2018 certified company; Avalue offers assurance to customers in every aspect of business. With headquarters located in Taiwan, Avalue has global subsidiaries, including offices in Shanghai, New Jersey, California and Tokyo. In addition, Avalue Technology operates an extensive distribution network to accommodate and serve customers all around the world. For more information, please visit: [www.avalue.com.tw](https://www.avalue.com.tw/)