

Ämne: Press Release - Avalue is bringing 3.5-inch embedded SBCs, ECM-EHL, with Intel® Pentium®/Celeron®/Atom™ SoC BGA Processor (Code name: Elkhart Lake)

Datum: fredag 8 april 2022 kl. 07:19:02 centraleuropeisk sommartid

Från: Avalue Technology Inc.

Till: Andreas Luther

Having trouble viewing this email? [Click here](#)

PRESS RELEASE - FOR IMMEDIATE RELEASE –

Avalue is bringing 3.5-inch embedded SBCs, [ECM-EHL](#), with Intel® Pentium®/Celeron®/Atom™ SoC BGA Processor (Code name: Elkhart Lake)



TAIPEI, TAIWAN, April 8th, 2022, –[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 bringing the new embedded single board computers, [ECM-EHL](#), with Intel® Pentium®/Celeron®/Atom™ SoC BGA Processor (Elkhart Lake Platform 4.5~12W), CPU bottom mounted, being the successor of Intel Apollo lake platform which adopt 10nm manufacturing process, target entry-

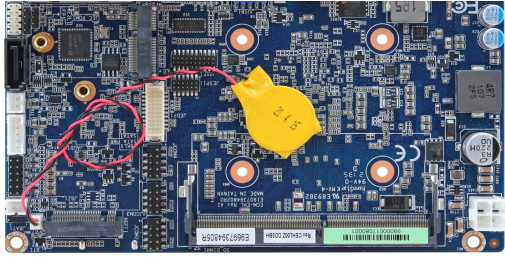
level application market. With improved performance, I/O capability, and security features, [ECM-EHL](#) is the ideal SBC for industrial automation, retail, smart city, IoT solutions, etc.

3.5" SBC [ECM-EHL](#) features flexible I/O supports 2 x USB 3.1 Gen.2, 4 x USB 2.0, 1 x RS-232/422/485, 3 x RS232 with a wide DC power input range 9~36V. It supports triple display: DP, HDMI, eDP for industry applications. This SBC design with two M.2 expansion slot option: M.2 E-Key Wi-Fi/Bluetooth module connection and M.2 B-Key SATA/PCIe/USB supports storage to enable expansion. Also, ECM-EHL offers dual Intel® Gigabit Ethernet: 2.5GbE & 1GbE, the 2.5 Gbps Ethernet enables high-speed connection for network devices. In addition to standard working temperature 0°C~ +60°C, ECM-EHL has extended temperature skus tolerance -40°C~ +85°C (with 0.5 m/s air flow), which is suitable for industrial and outdoor application under harsh operating conditions.

[ECM-EHL](#) main features:



- Onboard Intel® Pentium®/Celeron®/Atom™ SoC BGA Processor (Elkhart Lake Platform 4.5~12W) (with CPU



Bottom Mounted)

- Single 260-pin DDR4 SODIMM Socket, Supports Up to 32GB DDR4 3200MTs SDRAM (non ECC Supported)
- Triple Display, DP 1.4a , HDMI 2.0b, eDP 1.3
- Flexible I/O support with Dual Expansion Slot, M.2 Key-B, M.2 Key-E

- Dual Intel® Gigabit Ethernet, 2.5GbE, 1GbE
- 9V~36V Wide Range Voltage Input
- TPM 2.0
- With extend temperature skus, -40°C ~ 85°C

[ECM-EHL](#) main applications:

- Factory automation
- Retail, Digital Signage, KIOSK
- Infotainment

For more information of full range of the Mini ITX motherboard, please visit our website at www.avalu.com.tw, or contact with sales@avalu.com.tw for more details.

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 [Industrial & Embedded Motherboard](#), [Industrial Computer](#), [Panel PC](#), [System On Module](#), [POS Terminal](#), [Tablet](#), [Software](#) 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 9001:2015, ISO 13485:2016, ISO 14001:2015 and ISO-45001: 2018 certified company; Avalue offers assurance to customers in every aspect of business. With headquarter 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.

Media Contact:

Email: pr@avalu.com.tw

You are currently subscribed to our list with the following address: **andreas@hightech-iot.com**. If you no longer want to receive our emails, you can click [unsubscribe](#).

Email delivery powered by 電子豹 NewsLeopard.