

# The OMNI-2155-CML: Tapping into Next Generation Performance

*The OMNI-2155-CML industrial touch panel PC delivers the performance of 10th generation Intel® Core™ and greater built in I/O features.*

TAIPEI CITY, TAIWAN, July 6, 2021 /EINPresswire.com/ -- AAEON, a leader in industrial PC solutions, announces their latest industrial touch panel PC, the [OMNI-2155-CML](#). Powered by 10th Generation Intel® Core™ processors (formerly Comet Lake), this innovative solution is able to deliver higher performance, broader I/O features and technological support than previous generations at a lower price point.

The OMNI-2155-CML is the first in the OMNI family of industrial touch panel PC solutions to offer a socket-type processor, allowing for easier maintenance and scalability to meet the

“

Thanks to the socket-type 10th Gen Intel® Core™ processors, we can provide our customers with easier maintenance, upgradability, and greater performance than previous generations, at a lower cost.”

*Ethan Chiu*

performance needs of individual applications. The system utilizes the 10th generation Intel Core i3/i5/i7/i9 and Intel® Celeron® processors (up to 35W TDP) combined with up to 64GB of DDR4 memory to deliver greater performance and higher processing speeds than previous generations. These late generation processors also provide support for a range of vital technologies, fully unlocked with the OMNI-2155-CML.

One of the ways users and developers can take advantage of the capabilities of the 10th generation Intel Core processors in the OMNI-2155-CML is through the system’s

broad expansion support. The system features an M.2 2280 (M-Key) slot driven by PCIe 3.0 [x4] with support for fast NVMe SSDs. It also delivers M.2 2230 (E-Key) to support a range of functions including Wi-Fi or Bluetooth connectivity. The OMNI-2155-CML is also built with a full-sized Mini Card slot which supports PCIe and mSATA, set via the BIOS.



OMNI-2155-CML Industrial Panel PC

The OMNI-2155-CML is built from the ground up for industrial applications. The 15.6" LCD touch screen utilizes the P-CAP system, and can be configured to be operable with gloves. It also features a wide voltage input (10 to 35V) and provides consistent operation without loss of performance in temperatures from 0°C up to 45°C.

The OMNI-2155-CML offers a broader range of I/O features compared to previous generations, offering greater flexibility to connect to more devices and controllers. The OMNI-2155-CML

offers four serial COM ports, four USB3.2 Gen 2 ports, and two Gigabit Ethernet ports, providing support for Intel® vPro and Intel® AMT, enabling remote monitoring and control. The OMNI-2155-CML also delivers storage flexibility with NVMe support, mSATA, and 2.5" SATA III (6.0 Gbps) storage devices. The OMNI-2155-CML can also easily connect with cellular networks thanks to onboard SIM card slot, allowing for even more flexibility to communicate with wide area networks.

"The OMNI-2155-CML is our latest industrial panel PC delivering the 10th generation Intel Core processors, bringing high end performance to the market," said Ethan Chiu, Product Manager with AAEON's System Platform Division. "Thanks to the socket-type design, we are able to provide our customers with easier maintenance, upgradability, and greater performance than previous generations at a lower cost."

AAEON offers manufacturer and OEM/ODM services to help deliver a solution for any application. From industry leading service and support to customization and more, helping reduce deployment costs and time to market.

---

#### About AAEON

Established in 1992, AAEON is one of the leading designers and manufacturers of industrial IoT and AI Edge solutions. With continual innovation as a core value, AAEON provides reliable, high-quality computing platforms including industrial motherboards and systems, rugged tablets, embedded AI Edge systems, uCPE network appliances, and LoRaWAN/WWAN solutions. AAEON also provides industry-leading experience and knowledge to provide OEM/ODM services worldwide. AAEON also works closely with cities and governments to develop and deploy Smart City ecosystems, offering individual platforms and end-to-end solutions. AAEON works closely with premier chip designers to deliver stable, reliable platforms, and is recognized as an



OMNI-2155-CML features a flexible I/O loadout.



AAEON An Asus Company

Associate member of the Intel® Internet of Things Solutions Alliance. For an introduction to AAEON's expansive line of products and services, visit [www.aaeon.com](http://www.aaeon.com).

AAEON Sales

AAEON Technology Inc.

+886 289191234

[email us here](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/545555996>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2021 IPD Group, Inc. All Right Reserved.