

Devices for Linux and Arduino

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- [Whiskey Lake embedded PC features four PoE ports](#) [2]

Aaeon's rugged, \$851 VPC-5620S system offers an 8th Gen Core CPU plus up to 64GB DDR4, 5x Gbe (4x with PoE), 4x USB, HDMI and DP, SATA, M.2 with NVMe, multiple mini-PCIe, and an optional in-vehicle configuration.

- [Compact Elkhart Lake system offers triple GbE](#) [3]

Ibase's rugged AGS103T embedded system runs on Intel's Elkhart Lake and offers up to 16GB DDR4, 3x GbE, 4x USB, 4x COM, 3x mini-PCIe, and M.2 B-key plus an optional 2.5-inch SATA bay.

The fanless, compact AGS103T is built around Intel's 10nm-fabricated, MCU-equipped Elkhart Lake platform. The rugged, 218 x 110 x 57mm system is designed for embedded applications in factory automation, IoT gateway, edge computing, and automatic control systems.

- [Portenta H7 Lite cost-optimized Arduino Pro board drops WiFi, USB-C video output, NXP secure element - CNX Software](#) [4]

Arduino Portenta H7 Lite is a cost-down version of Portenta H7 STM32H7 that shaves off a little over \$30 of the Arduino Pro board by doing without a wireless module nor USB-C video output and opting for a lower cost Microchip ATECC608 secure element.

Arduino says the new board provides a cost-optimized solution for companies developing high-

end industrial machinery, laboratory equipment, computer vision, PLCs, robotics controllers, and mission-critical devices.

Hardware

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Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/39>
- [2] <https://linuxgizmos.com/compact-whiskey-lake-embedded-pc-features-four-poe-ports/>
- [3] <https://linuxgizmos.com/compact-elkhart-lake-system-offers-triple-gbe/>
- [4] <https://www.cnx-software.com/2021/09/14/portenta-h7-lite-low-cost-arduino-pro-board/>