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COMe-mAL10 (E2) New

COM EXPRESS® MINI TYPE 10 WITH LATEST GENERATION INTEL® ATOM™ E3900, PENTIUM® AND CELERON® SERIES

SPECIFICATIONS

- ▶ Low-Power – Performance / Watt optimized small form factor solution
- ▶ Up to 8 GByte DDR3L memory down (ECC / non ECC)
- ▶ 2x USB 3.0/2.0, 4x USB 2.0, 2x SATA, eMMC Flash
- ▶ Industrial grade temperature
- ▶ Support of Kontron's Embedded Security Solution - APPROTECT (optional)

[Download Datasheet \(/downloads/datasheet/c/come-mini/come_mal10_20170607_datasheet.pdf\)](/downloads/datasheet/c/come-mini/come_mal10_20170607_datasheet.pdf)

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The COMe-mAL10 is a new series of credit card sized Computer-on-Modules based on the latest generation Intel® Atom™, Pentium® and Celeron® processors. The COMe-mAL10 performance range of COM Express mini modules is highly scalable and covers the entire range of Intel's latest IoT-ready embedded processors. This includes the Intel Atom processor E3900 series, as well as Intel Pentium processor N4200 and Intel Celeron processor N3350. The COMe-mAL10 is available in both dual-core and quad-core configurations.

The COMe-mAL10 combines state-of-the-art image processing and graphics capabilities with extensive real-time computing power in an energy-efficient and standardized Type 10 Computer-on-Module mini form factor. Users benefit from a significantly improved computing performance, an impressive performance-per-watt ratio and the long-term availability inherent in all Kontron embedded solutions.

An added advantage for developers is the optional integration of Kontron's hardware-based embedded Security Solution APPROTECT. Kontron is the first embedded computing supplier to offer full security protection embedded in its COM and motherboard offerings.



Learn more about the security solution APPROTECT here: [Security Solution - APPROTECT \(/products/solutions/security\)](#)

The COMe-mAL10 comes with support for Windows 10, Windows 10 IoT, Linux and VxWorks 7.x

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**HSP COMe-mAL10 (E2)
Slim Thread
34009-0000-99-2**



Slimline heatspreader 6.5mm for COMe-mAL10 commercial and E2, threaded mounting holes

**HSP COMe-mAL10 (E2)
Slim Through
34009-0000-99-3**



Slimline heatspreader 6.5mm for COMe-mAL10 commercial and E2, through holes

**HSP COMe-mAL10 (E2)
Thread
34009-0000-99-0**



Heatspreader for COMe-mAL10 commercial and E2, threaded mounting holes

**HSP COMe-mAL10 (E2)
Through
34009-0000-99-1**



Heatspreader for COMe-mAL10 commercial and E2, through holes



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This section is exclusively for Embedded Modules and Motherboards Customers. After registering you will gain access to BIOS images, product change notifications (PCNs), 3D models for CAD, and software development tools.

Click below to login or register.



(<http://emdcustomersection.kontron.com>)

**Please allow 24 hours to process your confirmation. You will be informed via email when your access to the Modules Customer Section is granted.*

ABOUT KONTRON

Kontron is a global leader in embedded computing technology (ECT). As a part of technology group S&T, Kontron offers a combined portfolio of secure hardware, middleware and services for Internet of Things (IoT) and Industry 4.0 applications. With its standard products and tailor-made solutions based on highly reliable state-of-the-art embedded technologies, Kontron provides secure and innovative applications for a variety of industries. As a result, customers benefit from accelerated time-to-market, reduced total cost of ownership, product longevity and the best fully integrated applications overall.

Kontron is a listed company. Its shares are traded in the Prime Standard segment of the Frankfurt Stock Exchange and on other exchanges under the symbol "KBC".

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