

COMPACT BOX PC KBox M-SERIES

About Kontron – Member of the S&T Group

Kontron is a global leader in IoT/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.

For more information, please visit: www.kontron.com

About the Intel® Partner Alliance

From modular components to market-ready systems, Intel and the over 1,000+ global member companies of the Intel® Partner Alliance provide scalable, interoperable solutions that accelerate deployment of intelligent devices and end-to-end analytics. Close collaboration with Intel and each other enables Alliance members to innovate with the latest IoT technologies, helping developers deliver first-in-market solutions.

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PRODUCT CONTACT POINT

Kontron Asia Inc.

4F, No. 415, Ti-Ding Blvd., Sec. 2,
Neihu District, Taipei, Taiwan 114741
Tel.: +886 2 2799 2789
Fax: +886 2 2799 7399
SalesAsia@kontron.com

www.kontron.com



- ▶ **GREAT VARIETY AND AMOUNT OF I/O INTERFACES**
Multiple I/O ports for legacy devices
- ▶ **PASSIVE COOLING DESIGN**
Fanless design
- ▶ **COMPACT SIZE**
Space-saving flexibility

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KBox M-SERIES COMPACT BOX PC



Targeted at commercial and industrial automation applications, Kontron's fanless KBox M-Series features a greater variety and amount of I/O interfaces for legacy device connection.



// KBox M-Series

KBox M-SERIES COMPACT BOX PC



KBox M-100

PROCESSOR	Intel® Celeron® J1900 (Quad Core, 2M Cache, up to 2.42 GHz, FCBGA1170, 10 W TDP)
MEMORY	2x DDR3L 1333 SO-DIMM up to 8 GByte
INTEGRATED GRAPHICS UNIT	Intel® HD Graphics
VIDEO OUTPUT INTERFACE	1x HDMI (on rear, 1920 x 1080 @ 60 Hz) 1x VGA (on rear, 2560 x 1600 @ 60 Hz) Dual display support
AUDIO CODEC	Realtek ALC662
AUDIO INTERFACE	1x Line-out (on rear) 1x Mic-in (on rear)
NETWORK	2x GbE LAN (RJ45 on rear, Realtek RTL8111G)
USB PORT	1x USB 3.0 (Type A on rear) 5x USB 2.0 (1x Type A on front, 4x Type A on rear)
SERIAL PORT	2x RS232/422/485 (DB9 on rear) 8x RS232 (4x DB9 on front, 4x DB9 on rear)
OTHER I/O PORT	1x Parallel Port (on front)
SD CAGE	1x 2.5" SATA 2.0 HDD / SSD 1x mSATA (full size)
POWER SUPPLY	DC 12 V ~ 24 V
SECURITY	TPM 1.2 (optional, Infineon SLB 9635)
COOLING	Passive
OPERATING SYSTEM	Windows 7, Windows 8, Windows 10
DIMENSIONS	220 mm x 180 mm x 68 mm / 8.66" x 7.09" x 2.68"
MOUNTING	Wall Mount
OPERATING TEMPERATURE	0 °C ~ 50 °C / 32 °F ~ 122 °F
COMPLIANCE	CE Class A, FCC Class A