

KBox M-200

FANLESS, RUGGED & EXPANDABLE



FANLESS INDUSTRIAL BOX PC WITH INTEL® SKYLAKE / KABY LAKE S-SERIES PROCESSORS

- ▶ 2x DP, 1x HDMI, 1x VGA for display output
- ▶ 2x GbE LAN for Ethernet
- ▶ 4x USB 3.0, 2x USB 2.0, 2x RS232/422/485 for peripheral connection
- ▶ 1x 2.5" SATA HDD / SSD, up to 2x mSATA for storage
- ▶ Up to 2x mPCIe, 2x PCIe x8 for expansion

POSSIBILITIES START HERE



KBox M-200

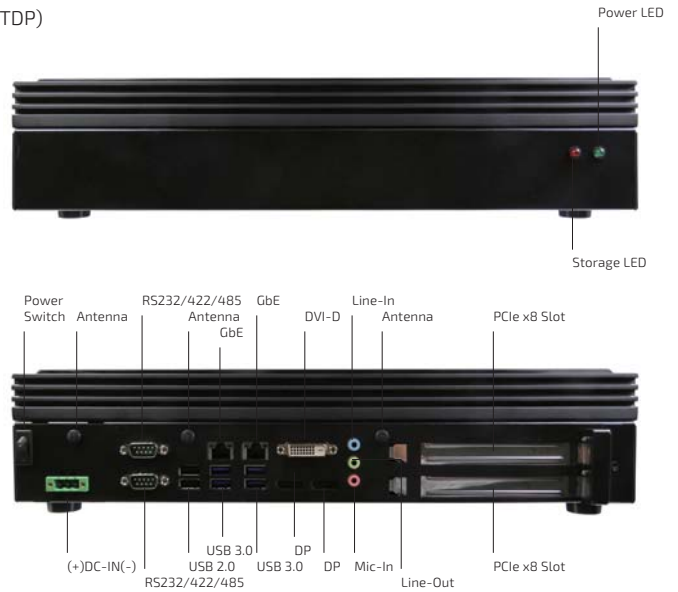
FANLESS INDUSTRIAL BOX PC WITH INTEL® SKYLAKE / KABY LAKE S-SERIES PROCESSORS

KBox M-200 is an industrial-purpose box PC powered by Intel® Skylake / Kaby Lake S-Series Processors. Enclosed within a rugged housing with fanless passive cooling design, it is resistant to harsh industrial conditions.

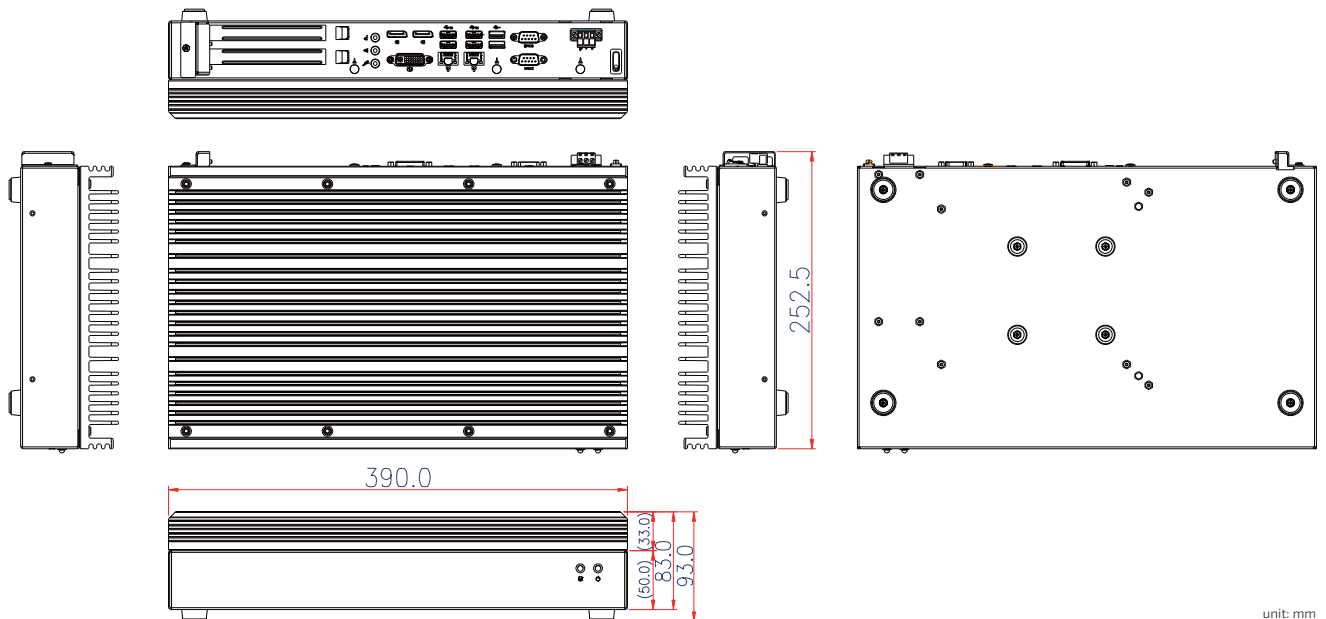
In addition to 4x USB 3.0, 2x USB 2.0 and 2x RS232/422/485 for peripheral connection, it supports 1x 2.5" SATA HDD / SSD, 2x switchable mSATA / mPCIe and 2x PCIe x8 slot on rear, making it flexible in storage and wireless / functionality expansion.

▶ PRODUCT HIGHLIGHTS

- ▶ Intel® Skylake-S / Kaby Lake-S CPUs (LGA1151 Socket, up to 35 W TDP)
- ▶ Intel® Q170 Express Chipset
- ▶ 2x DDR4 SO-DIMM memory socket
- ▶ 1x DVI-D, 2x DP for video output
- ▶ Triple display support
- ▶ 2x GbE LAN for Ethernet
- ▶ 4x USB 3.0, 2x USB 2.0, 2x RS232/422/485 for peripherals
- ▶ 1x 2.5" SATA HDD / SSD, up to 2x mSATA for storage
- ▶ Up to 2x mPCIe, 2x PCIe x8 slot on rear for expansion
- ▶ Extended voltage range: DC 13 V ~ 32 V
- ▶ Passive cooling design without fans and vents



▶ MECHANICAL DIMENSIONS



► TECHNICAL INFORMATION

System	Processor Chipset Memory	Intel® Skylake / Kaby Lake S-Series Processors (FCLGA1151 Socket, TDP up to 35 W) Intel® Q170 2x DDR4 1866 / 2133 SO-DIMM up to 32 GByte
Video	Graphics Display Interface Multiple Display	Up to Intel® HD Graphics 620 1x DVI-D (on rear, 2560 x 1600 @ 60 Hz) 2x DP (on rear, 4096 x 2304 @ 60 Hz) Triple
Audio	Audio Codec Audio Interface	Realtek ALC662 1x Line-in (on rear) 1x Line-out (on rear) 1x Mic-in (on rear)
Network Connection	Ethernet	2x GbE LAN (RJ45 on rear, 1x Intel® I219-LM, 1x Intel® I210-AT)
Peripheral Connection	USB Serial Port	4x USB 3.0 (Type A on rear) 2x USB 2.0 (Type A on rear) 2x RS232/422/485 (DB9 on rear)
Storage & Expansion		1x 2.5" SATA HDD / SSD 2x mSATA / mPCIe (1x full size, 1x half size) 2x PCIe x8 Slot (on rear) 1x SIM Card Cage (by cable, optional)
Power	Connector Input Voltage Power Adapter	Phoenix Connector (on rear) DC 13 V ~ 32 V AC to DC, 100 V ~ 240 V
Firmware	BIOS Watchdog H/W Monitor Real Time Clock TPM iAMT	AMI uEFI BIOS w/ 128 Mb SPI Flash Programmable WDT to generate system reset event Input & Core Voltages, CPU & System Temperatures Chipset integrated RTC Supported (Infineon SLB 9665 TPM 2.0) Depending on processor
System Control & Monitoring	Button, Switch & Indicator	1x Power Switch (on rear) 1x Power LED (on front) 1x Storage LED (on front)
Cooling	Cooling Method	Passive
Software	OS Support	Windows 10, Linux
Mechanical	Construction Dimensions (W x D x H) Weight	Metal Chassis + Aluminum Heat Sink 390 mm x 252.5 mm x 83 mm / 15.35" x 9.94" x 3.27" 6600 g / 14.55 lb
Environmental	Operation Temperature Storage Temperature Humidity	0 °C ~ 50 °C / 32 °F ~ 122 °F -20 °C ~ 80 °C / -4 °F ~ 176 °F 0 % ~ 90 %
Certification	EMC & Safety	CE, FCC Class A

► ORDERING INFORMATION

ARTICLE	DESCRIPTION
KBox M-200	Intel® Skylake / Kaby Lake S-Series Processors, Intel® Q170 Chipset

► GLOBAL HEADQUARTERS

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