

HIGHLIGHTS

- EMBEDDED BOX COMPUTER, HEADLESS
- LOW POWER
- AMD DUAL-CORE GX-210HA
AMD DUAL-CORE GX-217GA
AMD QUAD-CORE GX-420CA
- 19 - 24VDC INPUT
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT, 24/7 OPERATION
- AVAILABILITY MIN. 3 YEARS



EBC-KPC - AMD

Update: 07/2016

Hardware	Description
Type of device	Blackbox-PC in an aluminium housing with integrated Mini-ITX single board computer
Mainboard	Form factor: Mini ITX (170 x 170mm) CPU: AMD Dual-Core GX-210HA (1,0GHz), Dual-Core GX-217GA (1,65GHz) or Quad-Core GX-420CA (2,00GHz) Chipset: AMD Embedded G-series Graphics: AMD Radeon HD 8210E (1,0GHz), Radeon HD 8280E (1,65GHz) or Radeon HD 8400E (2,0GHz) Ethernet: Realtek 8111G Audio: Realtek ALC671
Interfaces external	Serial: 2x RS232 + 4x USB2.0 Graphics: CRT (DVI-I) Network: 2x LAN 10/100/1000Mbps Ethernet (RJ-45) Keybd. entry: PS/2 (mouse) + PS/2 (keyboard) Audio: Line IN + Line OUT Power input: Female connector for 24V DC Switch: Power ON/OFF
Interfaces internal	Type: 2x USB 3.0, 2x USB 2.0, 1x RS232, mSATA, 2x SATA (600)
Main memory	RAM: 2x SO DIMM socket, DDR3-1333/1600, max. 16GB
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 16, 32, 64, 128 or 256GB HDD: 2,5" SATA min. 250 GB
Power supply	Input: 12 / 19 - 24VDC

Software	Description
Operation systems	Windows® 7 / 8.1 / 10 and embedded versions; others on request

Mechanics	Dimensions: W x H x D
Housing	190 x 220 x 56 mm (without assembly bracket) 213 x 220 x 57,5 mm (with assembly bracket)
Weight	~ 1,5 kg

Options	Description
Monting	Assembly brackets

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HIGHLIGHTS

- EMBEDDED BOX COMPUTER, HEADLESS
- LOW POWER
- INTEL DUAL-CORE N2600
INTEL DUAL-CORE D2550
- 09 - 28VDC INPUT
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT, 24/7 OPERATION
- AVAILABILITY MIN. 3 YEARS



EBC-KPC – INTEL ATOM

Update: 07/2016

Hardware	Description
Type of device	Blackbox-PC in an aluminium housing with integrated Mini-ITX single board computer
Mainboard	Form factor: Mini ITX (170 x 170mm) CPU: Intel Dual-Core N2600 (1,6GHz) or Dual-Core D2550 (1,86GHz) Chipset: Intel NM10 Ethernet: Realtek 8111E Audio: Realtek ALC662
Interfaces external	Serial: 2x RS232 + 2x USB3.0 + 2x USB2.0 Graphics: CRT (DVI-I) + HDMI Network: 2x LAN 10/100/1000Mbps Ethernet (RJ-45) Audio: Line IN + Line OUT Power input: Female connector for 12/24V DC Switch: Power ON/OFF
Interfaces internal	Type: 4x USB 2.0, 3x RS232, 1x RS422/485, mSATA, 2x SATA 3Gb/s
Main memory	RAM: 1x SO DIMM socket, DDR3-800, max. 2GB (N2600) 1x SO DIMM socket, DDR3-1066, max. 4 GB (D2550)
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 32 or 64GB HDD: 2,5" SATA min. 250 GB Option: bootable micro SD
Power supply	Input: 09 - 28VDC Power: 29 Watts typ. (N2600) 35 Watts typ. (D2550)

Software	Description
Operation systems	Windows® 7 / 8.1 / 10 and embedded versions; others on request

Mechanics	Dimensions: W x H x D
Housing	190 x 220 x 56 mm (without assembly bracket) 213 x 220 x 57,5 mm (with assembly bracket)
Weight	~ 1,5 kg

Options	Description
Mounting	Assembly brackets

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HIGHLIGHTS

- EMBEDDED BOX COMPUTER, HEADLESS
- INTEL DUAL-CORE i3-2120
INTEL QUAD-CORE i5-2400
INTEL QUAD-CORE i7-2600
- 12VDC INPUT, LOW POWER
- SCALEABLE CPU PERFORMANCE
- CE-COMPLIANT, 24/7 OPERATION
- AVAILABILITY MIN. 3 YEARS



EBC-KPC – INTEL i3 i5 i7

Update: 07/2016

Hardware	Description
Type of device	Blackbox-PC in an aluminium sheet housing with integrated mini-ITX single board computer
Mainboard	Form factor: Mini ITX (170 x 170mm) CPU: LGA1150 socket CPUs, i.e.: Intel i3-4330 (3,5GHz/3MB), Intel i5-4430 (3,0GHz/6MB) or Intel i7-4770 (3,4GHz/8MB) Chipset: Intel Q87 Ethernet: Realtek i210AT Audio: Realtek ALC671
Interfaces external	Serial: 1x RS232 + 2x USB3.0 + 2x USB2.0 Graphics: CRT (VGA) + CRT (DVI-D) + HDMI Network: 2x LAN 10/100/1000Mbps Ethernet (RJ-45) Audio: Line IN + Line OUT Power input: Female connector for 12/24V DC Switch: Power ON/OFF button
Interfaces internal	Type: 2x USB 3.0, 2x USB2.0, 1x RS232, 5x SATA-600, 1x Mini PCIe halfsize
Main memory	RAM: 2x SO DIMM socket, DDR3-1333/1600, max. 16GB
Mass memory	mSATA: SLC: 2, 4 or 8GB; MLC: 16, 32, 64, 128 or 256GB HDD: 2,5" SATA min. 250 GB
Power supply	Input: 12VDC

Software	Description
Operation systems	Windows® 7 / 8.1 / 10 and embedded versions; others on request.

Mechanics	Dimensions: W x H x D
Housing	190 x 220 x 56 mm (without assembly brackets) 213 x 220 x 57,5 mm (with assembly brackets)
Weight	~ 1,5 kg

Options	Description
Mounting	Assembly brackets

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