

Selection Guide

Factory Automation Box-PC

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18 Artikel aus dem Bereich
Factory Automation Box-PC
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Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 300



Factory Automation Box-PC 300P2



Factory Automation Box-PC 300P2E

Cooling System	Fanless; 2x opening for optional Fan modules	Fanless; 2x opening for optional Fan modules	Fanless
Mounting System	Wall Mount	Wall Mount	Wall Mount
CPU	Support Intel® Core i7 / i5 / i3 / Pentium / Celeron 6th gen. (Skylake) LGA1151 socket type processors	Support Intel® Core i7 / i5 / i3 / Pentium / Celeron 6th gen. (Skylake) LGA1151 socket type processors	Support Intel® Core i7 / i5 / i3 / Pentium / Celeron 6th gen. (Skylake) LGA1151 socket type processors
CPU Socket	-	-	-
Chipset	Intel® Q170 PCH	Intel® Q170 PCH	Intel® Q170 PCH
BIOS	-	-	-
Watchdog Timer	-	-	-
Controller	-	-	-
Basic Equipment	-	-	-
Maximum Equipment	Up to 8GB	Up to 8GB	Up to 8GB
DRAM	-	-	-
SDRAM	-	-	-
DIMM / MemorySocket	2x DDR4 SO-DIMM	2x DDR4 SO-DIMM	2x DDR4 SO-DIMM
Compact Flash	-	-	-
SD	-	-	-
HDD	-	-	-
HD SATA	1x 2.5" HDD (external, SATA 3.0), 1x 2.5" HDD (internal, SATA 3.0), 1x mSATA (via internal Mini-PCIe socket)	1x 2.5" HDD (external, SATA 3.0), 1x 2.5" HDD (internal, SATA 3.0), 1x mSATA (via internal Mini-PCIe socket)	1x 2.5" HDD (external, SATA 3.0), 1x 2.5" HDD (internal, SATA 3.0), 1x mSATA (via internal Mini-PCIe socket)
Removeable Storage	-	-	-
Graphic Interface	1x DVI-D DVI, 1x HDMI	1x DVI-D DVI, 1x HDMI	1x DVI-D DVI, 1x HDMI
Interface COM	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation
CAN	-	-	-
Galvanic Isolation	-	-	-
Interface USB	2x USB 2.0, 4x USB 3.0	2x USB 2.0, 4x USB 3.0	2x USB 2.0, 4x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	3x 10/100/1000 BASE-T	3x 10/100/1000 BASE-T	3x 10/100/1000 BASE-T
Interface IO	4x GPO GPIO	4x GPO GPIO	4x GPO GPIO
Mini PCIe	-	-	-
Mini PCI	-	-	-
Camera	-	-	-
Video Input	-	-	-
Resolution	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Bluetooth	-	-	-
eSATA	-	-	-
Audio	1x Line-out and 1x Mic-in	1x Line-out and 1x Mic-in	1x Line-out and 1x Mic-in
Headphone	-	-	-
SIM Card	1x	1x	1x
GPS	-	-	-
Mobile Communication 2G	GSM+GPRS	GSM+GPRS	GSM+GPRS
Mobile Communication 3G	-	-	-
PCI	-	2x	1x
PCIe	1x Mini-PCIe expansion support optional modules	1x Mini-PCIe expansion support optional modules	1x PCIe x8, 1x Mini-PCIe expansion support optional modules
PCI/104	-	-	-
Operating System	Windows 7 (32bits and 64bits), Windows 8.1 (32 bits and 64 bits)	Windows 7 (32bits and 64bits), Windows 8.1 (32 bits and 64 bits)	Windows 7 (32bits and 64bits), Windows 8.1 (32 bits and 64 bits)
Operating System Support	-	-	-
Input Voltage Nominal	+24VDC +/- 20%	+24VDC +/- 20%	+24VDC +/- 20%
Input Voltage Min/Max	-	-	-
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	-5°C to +55°C	-5°C to +55°C	-5°C to +55°C
Extended Operating Temperature	-	-	-
Storage Temperature	-20°C to +85°C	-20°C to +85°C	-20°C to +85°C
Relative Humidity	10% to 93% (non-condensing)	10% to 93% (non-condensing)	10% to 93% (non-condensing)
Protection	Shock + Vibration protection	Shock + Vibration protection	Shock + Vibration protection
Certification	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC
Dimensions	90 x 185 x 251 mm (W x D x H)	155 x 185 x 251 mm (W x D x H)	155 x 185 x 251 mm (W x D x H)
Weight	-	-	-
Material	Aluminum and metal chassis with front access design	Aluminum and metal chassis with front access design	Aluminum and metal chassis with front access design
Typ. Application	Industrial	Industrial	Industrial

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Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 300



Factory Automation Box-PC 300P2



Factory Automation Box-PC 300P2E

Bestellinformation

Artikel-Nr. PKBF1300
Factory Automation Box-PC 300, Barebone, 2x
RS232/422/485, 3x LAN, DVI-D+HDMI

Artikel-Nr. PKBF1300-1
Factory Automation Box-PC 300, IntelCore
i7-6700TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI

Artikel-Nr. PKBF1300-2
Factory Automation Box-PC 300, IntelCore
i5-6500TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI

Artikel-Nr. PKBF1300-3
Factory Automation Box-PC 300, IntelCore
i3-6100TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI

Artikel-Nr. PKBF1300-8
Factory Automation Box-PC 300, Intel Pentium
G4400TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI

Artikel-Nr. PKBF1300-9
Factory Automation Box-PC 300, Intel Celeron
G3900TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI

Artikel-Nr. PKBF1301
Factory Automation Box-PC 300P2, Barebone, 2x
RS232/422/485, 3x LAN, DVI-D+HDMI, 2x PCI

Artikel-Nr. PKBF1301-1
Factory Automation Box-PC 300P2, IntelCore
i7-6700TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI, 2x PCI

Artikel-Nr. PKBF1301-2
Factory Automation Box-PC 300P2, IntelCore
i5-6500TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI, 2x PCI

Artikel-Nr. PKBF1301-3
Factory Automation Box-PC 300P2, IntelCore
i3-6100TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI, 2x PCI

Artikel-Nr. PKBF1301-8
Factory Automation Box-PC 300P2, IntelPentium
G4400TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 2x PCI

Artikel-Nr. PKBF1301-9
Factory Automation Box-PC 300P2, IntelCeleron
G3900TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 2x PCI

Artikel-Nr.
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Artikel-Nr. PKBF1302
Factory Automation Box-PC 300P2E, Barebone,
2x RS232/422/485, 3x LAN, DVI-D + HDMI, 1x PCI
+ 1x PCIe x8

Artikel-Nr. PKBF1302-1
Factory Automation Box-PC 300P2E, IntelCore
i7-6700TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCI + 1x PCIe x8

Artikel-Nr. PKBF1302-2
Factory Automation Box-PC 300P2E, IntelCore
i5-6500TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCI + 1x PCIe x8

Artikel-Nr. PKBF1302-3
Factory Automation Box-PC 300P2E, IntelCore
i3-6100TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCI + 1x PCIe x8

Artikel-Nr. PKBF1302-8
Factory Automation Box-PC 300P2E, IntelPentium
G4400TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCI + 1x PCIe x8

Artikel-Nr. PKBF1302-9
Factory Automation Box-PC 300P2E, IntelCeleron
G3900TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCI + 1x PCIe x8

Artikel-Nr.
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Factory Automation Box-PC 300P3



Factory Automation Box-PC 300E16



Factory Automation Box-PC 300E3

Cooling System	Fanless; 2x opening for optional Fan modules	Fanless; 2x Fan modules pre-installed	Fanless; 2x opening for optional Fan modules
Mounting System	Wall Mount	Wall Mount	Wall Mount
CPU	Support Intel® Core i7 / i5 / i3 / Pentium / Celeron 6th gen. (Skylake) LGA1151 socket type processors	Support Intel® Core i7 / i5 / i3 / Pentium / Celeron 6th gen. (Skylake) LGA1151 socket type processors	Support Intel® Core i7 / i5 / i3 / Pentium / Celeron 6th gen. (Skylake) LGA1151 socket type processors
CPU Socket	-	-	-
Chipset	Intel® Q170 PCH	Intel® Q170 PCH	Intel® Q170 PCH
BIOS	-	-	-
Watchdog Timer	-	-	-
Controller	-	-	-
Basic Equipment	-	-	-
Maximum Equipment	Up to 8GB	Up to 8GB	Up to 8GB
DRAM	-	-	-
SDRAM	-	-	-
DIMM / MemorySocket	2x DDR4 SO-DIMM	2x DDR4 SO-DIMM	2x DDR4 SO-DIMM
Compact Flash	-	-	-
SD	-	-	-
HDD	-	-	-
HD SATA	1x 2.5" HDD (external, SATA 3.0), 1x 2.5" HDD (internal, SATA 3.0), 1x mSATA (via internal Mini-PCIe socket)	1x 2.5" HDD (external, SATA 3.0), 1x 2.5" HDD (internal, SATA 3.0), 1x mSATA (via internal Mini-PCIe socket)	1x 2.5" HDD (external, SATA 3.0), 1x 2.5" HDD (internal, SATA 3.0), 1x mSATA (via internal Mini-PCIe socket)
Removeable Storage	-	-	-
Graphic Interface	1x DVI-D DVI, 1x HDMI	1x DVI-D DVI, 1x HDMI	1x DVI-D DVI, 1x HDMI
Interface COM	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation
CAN	-	-	-
Galvanic Isolation	-	-	-
Interface USB	2x USB 2.0, 4x USB 3.0	2x USB 2.0, 4x USB 3.0	2x USB 2.0, 4x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	3x 10/100/1000 BASE-T	3x 10/100/1000 BASE-T	3x 10/100/1000 BASE-T
Interface IO	4x GPO GPIO	4x GPO GPIO	4x GPO GPIO
Mini PCIe	-	-	-
Mini PCI	-	-	-
Camera	-	-	-
Video Input	-	-	-
Resolution	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Bluetooth	-	-	-
eSATA	-	-	-
Audio	1x Line-out and 1x Mic-in	1x Line-out and 1x Mic-in	1x Line-out and 1x Mic-in
Headphone	-	-	-
SIM Card	1x	1x	1x
GPS	-	-	-
Mobile Communication 2G	GSM+GPRS	GSM+GPRS	GSM+GPRS
Mobile Communication 3G	-	-	-
PCI	2x	-	-
PCIe	1x PCIe x8, 1x Mini-PCIe expansion support optional modules	1x PCIe x16, 1x Mini-PCIe expansion support optional modules	1x PCIe x8 + 2x PCIe x4, 1x Mini-PCIe expansion support optional modules
PCI/104	-	-	-
Operating System	Windows 7 (32bits and 64bits), Windows 8.1 (32 bits and 64 bits)	Windows 7 (32bits and 64bits), Windows 8.1 (32 bits and 64 bits)	Windows 7 (32bits and 64bits), Windows 8.1 (32 bits and 64 bits)
Operating System Support	-	-	-
Input Voltage Nominal	+24VDC +/- 20%	+24VDC +/- 20%	+24VDC +/- 20%
Input Voltage Min/Max	-	-	-
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	-5°C to +55°C	-5°C to +55°C	-5°C to +55°C
Extended Operating Temperature	-	-	-
Storage Temperature	-20°C to +85°C	-20°C to +85°C	-20°C to +85°C
Relative Humidity	10% to 93% (non-condensing)	10% to 93% (non-condensing)	10% to 93% (non-condensing)
Protection	Shock + Vibration protection	Shock + Vibration protection	Shock + Vibration protection
Certification	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC
Dimensions	175 x 185 x 251 mm (W x D x H)	155 x 185 x 251 mm (W x D x H)	175 x 185 x 251 mm (W x D x H)
Weight	-	-	-
Material	Aluminum and metal chassis with front access design	Aluminum and metal chassis with front access design	Aluminum and metal chassis with front access design
Typ. Application	Industrial	Industrial	Industrial

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Factory Automation Box-PC 300P3



Factory Automation Box-PC 300E16



Factory Automation Box-PC 300E3

Bestellinformation

Artikel-Nr. PKBF1304
Factory Automation Box-PC 300P3, Barebone, 2x
RS232/422/485, 3x LAN, DVI-D+HDMI, 2x PCI +
1x PCIe x8

Artikel-Nr. PKBF1304-1
Factory Automation Box-PC 300P3, IntelCore
i7-6700TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI, 2x PCI + 1x PCIe x8

Artikel-Nr. PKBF1304-2
Factory Automation Box-PC 300P3, IntelCore
i5-6500TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI, 2x PCI + 1x PCIe x8

Artikel-Nr. PKBF1304-3
Factory Automation Box-PC 300P3, IntelCore
i3-6100TE, 2x RS232/422/485, 3x LAN,
DVI-D+HDMI, 2x PCI + 1x PCIe x8

Artikel-Nr. PKBF1304-8
Factory Automation Box-PC 300P3, IntelPentium
G4400TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 2x PCI + 1x PCIe x8

Artikel-Nr. PKBF1304-9
Factory Automation Box-PC 300P3, IntelCeleron
G3900TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 2x PCI + 1x PCIe x8

Artikel-Nr. PKBF1303
Factory Automation Box-PC 300E16, Barebone, 2x
RS232/422/485, 3x LAN, DVI-D + HDMI, 1x PCIe
x16

Artikel-Nr. PKBF1303-1
Factory Automation Box-PC 300E16, IntelCore
i7-6700TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe x16

Artikel-Nr. PKBF1303-2
Factory Automation Box-PC 300E16, IntelCore
i5-6500TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe x16

Artikel-Nr. PKBF1303-3
Factory Automation Box-PC 300E16, IntelCore
i3-6100TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe x16

Artikel-Nr. PKBF1303-8
Factory Automation Box-PC 300E16, IntelPentium
G4400TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe x16

Artikel-Nr. PKBF1303-9
Factory Automation Box-PC 300E16, IntelCeleron
G3900TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe x16

Artikel-Nr.

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Artikel-Nr. PKBF1305
Factory Automation Box-PC 300E3, Barebone , 2x
RS232/422/485, 3x LAN, DVI-D + HDMI, 1x PCIe
+ 2x PCIe x4

Artikel-Nr. PKBF1305-1
Factory Automation Box-PC 300E3, IntelCore
i7-6700TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe + 2x PCIe x4

Artikel-Nr. PKBF1305-2
Factory Automation Box-PC 300E3, IntelCore
i5-6500TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe + 2x PCIe x4

Artikel-Nr. PKBF1305-3
Factory Automation Box-PC 300E3, IntelCore
i3-6100TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe + 2x PCIe x4

Artikel-Nr. PKBF1305-8
Factory Automation Box-PC 300E3, IntelPentium
G4400TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe + 2x PCIe x4

Artikel-Nr. PKBF1305-9
Factory Automation Box-PC 300E3, IntelCeleron
G3900TE, 2x RS232/422/485, 3x LAN, DVI-D +
HDMI, 1x PCIe + 2x PCIe x4

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Factory Automation Box-PC 105



Factory Automation Box-PC 105W



Factory Automation Box-PC 104/104M

Cooling System	Fanless	Fanless	Fanless
Mounting System	Wall Mount	Wall Mount	Wall Mount
CPU	Onboard Intel® Atom x5-E3930 Apollo Lake Dual Core 1.8GHz processor	Onboard Intel® Atom x5-E3930 Apollo Lake Dual Core 1.8GHz processor	Intel Atom® E3826 or Celeron® J1900 processor
CPU Socket	-	-	-
Chipset	-	-	-
BIOS	-	-	-
Watchdog Timer	-	-	-
Controller	-	-	-
Basic Equipment	4GB	4GB	2GB (E3826) or 4GB (J1900)
Maximum Equipment	-	-	-
DRAM	-	-	-
SDRAM	-	-	-
DIMM / MemorySocket	DDR3L SO-DIMM	DDR3L SO-DIMM	DDR3L SO-DIMM
Compact Flash	-	-	-
SD	1x External SD card slot	1x External SD card slot	-
HDD	-	-	-
HD SATA	Optional mSATA module, Onboard 16GB eMMC	Optional mSATA module, Onboard 16GB eMMC	Onboard 16GB eMMC (PKBF1106) / Optional mSATA module (PKBF1107)
Removeable Storage	-	-	-
Graphic Interface	1x HDMI	1x HDMI	1x HDMI
Interface COM	2x RS232/422/485	2x RS232/422/485	1x RS232/485
CAN	-	-	-
Galvanic Isolation	-	-	-
Interface USB	4x USB 3.0	4x USB 3.0	1x USB 2.0, 1x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	2x 10/100/1000 BASE-T, Optional WLAN	2x 10/100/1000 BASE-T, Optional WLAN	2x 10/100/1000 BASE-T, Optional WLAN
Interface IO	1x Optional DB9, support 4x GPI and 4x GPO GPIO	1x Optional DB9, support 4x GPI and 4x GPO GPIO	4x GPI and 4x GPO GPIO
Mini PCIe	2x	2x	2x
Mini PCI	-	-	-
Camera	-	-	-
Video Input	-	-	-
Resolution	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Bluetooth	-	-	-
eSATA	-	-	-
Audio	-	-	-
Headphone	-	-	-
SIM Card	1x SIM card slot	1x SIM card slot	-
GPS	-	-	-
Mobile Communication 2G	-	-	-
Mobile Communication 3G	-	-	-
PCI	-	-	-
PCIe	-	-	-
PCI/104	-	-	-
Operating System	-	-	-
Operating System Support	Windows 10 Enterprise (32-bit / 64-bit)	Windows 10 Enterprise (64-bit)	WINDOWS 10 IoT / WES 7 / Linux Kernel 3.8.0 / Ubuntu 14.04
Input Voltage Nominal	+24VDC +/- 20%	+24VDC +/- 20%	+24VDC +/- 20%
Input Voltage Min/Max	-	-	-
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	-5°C to 55°C	-10°C to 60°C	-5°C to +50°C / -5°C to 55°C
Extended Operating Temperature	-	-	-
Storage Temperature	-20°C to 75°C	-20°C to 75°C	-20°C to +80°C
Relative Humidity	10% to 93% (non-condensing)	10% to 93% (non-condensing)	10% to 93% (non-condensing)
Protection	Shock + Vibration protection	Shock + Vibration protection	Shock + Vibration protection
Certification	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	CE, Class A FCC
Dimensions	46,2 x 100 x 120 mm (W x D x H)	78,2 x 100 x 120 mm (W x D x H)	56,5 x 100 x 130 mm (W x D x H)
Weight	-	-	-
Material	Aluminum and metal chassis	Aluminum and metal chassis	Aluminum and metal chassis
Typ. Application	Industrial	Industrial	Industrial

Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 105



Factory Automation Box-PC 105W



Factory Automation Box-PC 104/104M

Bestellinformation

Artikel-Nr. PKBF1110

Factory Automation Box-PC 105, Intel Atom
x5-E3930 Dual Core 1.8GHz, 2x RS232/422/485,
2x GbE LAN, HDMI, 2x miniPCle

Artikel-Nr. PKBF1111

Factory Automation Box-PC 105W, Intel Atom
x5-E3930 Dual Core 1.8GHz, 2x RS232/422/485,
2x GbE LAN, HDMI, 2x miniPCle, 1x FBI
expansion slot

Artikel-Nr. PKBF1106

Factory Automation Box-PC 104, Intel Atom E3826
1.46GHz, 1x RS232/485, 2x GbE, HDMI, 2GB
DDR3L, 16GB eMMC

Artikel-Nr. PKBF1107

Factory Automation Box-PC 104M, Intel Celeron
J1900 2.0GHz, 1x RS232/485, 2x GbE, HDMI,
4GB DDR3L

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Factory Automation Box-PC 103



Factory Automation Box-PC 103-IoT
Gateway



Factory Automation Box-PC 101

Cooling System	Fanless	Fanless	Fanless
Mounting System	Wall Mount	Wall Mount	Wall Mount
CPU	Onboard Intel®Atom E3826 Bay Trail Dual Core 1.46GHz processor	Onboard Intel® Atom processor E3826 Dual Core, 1.46GHz	Onboard Intel® Atom processor E3826 Dual Core 1.46GHz
CPU Socket	-	-	-
Chipset	-	-	-
BIOS	-	-	-
Watchdog Timer	-	-	-
Controller	-	-	-
Basic Equipment	2GB	2GB	-
Maximum Equipment	-	-	Up to 4GB
DRAM	-	-	-
SDRAM	-	-	-
DIMM / MemorySocket	DDR3L SO-DIMM	On-board 2GB DDR3L RAM	1x DDR3L SO-DIMM
Compact Flash	-	-	-
SD	-	-	-
HDD	-	-	-
HD SATA	Optional mSATA module, Onboard 16GB eMMC	16GB mSATA SSD installed	1x 2.5" SSD (SATA 2.0)
Removeable Storage	-	-	-
Graphic Interface	1x Micro HDMI DisplayPort (Type D) HDMI	1x micro-HDMI HDMI	converted from DVI-I to VGA adapter VGA/CRT, 1x DVI-I DVI
Interface COM	1x RS232/485	3x DB9	2x RS232/422/485 auto with 2.5KV Isolation
CAN	-	-	-
Galvanic Isolation	-	-	-
Interface USB	1x USB 2.0, 1x USB 3.0	2x USB 2.0	1x USB 2.0, 1x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	2x 10/100/1000 BASE-T, Optional WLAN	2x 10/100/1000 BASE-T	2x 10/100/1000 BASE-T
Interface IO	1x 4-in / 4-out 5V GPIO GPIO	1x GPO programmable LED GPIO	-
Mini PCIe	2x	1x half size mini-PCIe	1x
Mini PCI	-	-	-
Camera	-	-	-
Video Input	-	-	-
Resolution	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Bluetooth	-	-	-
eSATA	-	-	-
Audio	-	-	-
Headphone	-	-	-
SIM Card	-	-	1x card holder
GPS	-	-	-
Mobile Communication 2G	-	-	-
Mobile Communication 3G	-	-	-
PCI	-	-	-
PCIe	-	1x half size mini-PCIe socket (for optional Wi-Fi modules)	-
PCI/104	-	-	-
Operating System	-	-	Windows 7 + 8 (32bt / 64bit), Windows Embedded Standard 7 + 8 (32bt / 64bit), Linux Kernel version 3.8.0, Wind River® Intelligent Device Platform XT 2.0
Operating System Support	Windows 8 / WES8 / Windows 7 / WES7, Linux Kernel 3.8.0 - (32bits + 64bits)	Windows 10 IoT Enterprise LTSB Entry, Ubuntu 14.04.5, IoT Studio with dashboard	-
Input Voltage Nominal	+24VDC +/- 20%	24VDC +/-20%	+24VDC +/- 20%
Input Voltage Min/Max	-	-	-
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	-5°C to 55°C	-	-20°C to +70°C
Extended Operating Temperature	-	-	-
Storage Temperature	-20°C to 75°C	-	-30°C to +85°C
Relative Humidity	10% to 93% (non-condensing)	-	10% to 95% (non-condensing)
Protection	Shock + Vibration protection	-	Shock + Vibration protection
Certification	(EN61000-6-2 + EN61000-6-4) CE, Class A FCC	CE, Class A FCC	CE, Class A FCC
Dimensions	56,5 x 100 x 120 mm (W x D x H)	565 x 100 x 120 mm (W x D x H)	58 x 135,5 x 192,5 mm (W x D x H)
Weight	-	-	-
Material	Aluminum and metal chassis	Aluminum and Metal Chassis	Aluminum and metal chassis
Typ. Application	Industrial	Industrial	Industrial

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Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 103



Factory Automation Box-PC 103-IoT Gateway



Factory Automation Box-PC 101

Bestellinformation

Artikel-Nr. PKBF1105
Factory Automation Box-PC 103, Intel Atom E3826
Dual Core 1.46GHz, 1x RS232/485, 2x GbE LAN,
MicroHDMI DP, 2x miniPCle

Artikel-Nr. PKBF1112
Factory Automation Box-PC 103-IoT Gateway w/
Windows 10 & IoT Studio, Intel Atom E3826,
1.46GHz, 2GB DDR3L, 1x micro-HDMI

Artikel-Nr. PKBF1112-1
Factory Automation Box-PC 103-IoT Gateway w/
Ubuntu & IoT Studio, Intel Atom E3826, 1.46GHz,
2GB DDR3L, 1x micro-HDMI

Artikel-Nr. PKBF1101
Factory Automation Box-PC 101, 2x
RS232/422/485, 2x LAN, DVI-I, 1x miniPCle

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Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 100S



Factory Automation Box-PC 200



Factory Automation Box-PC 200P2

Cooling System	Fanless	Fanless with air ventilation holes; 1x opening for optional Fan modules	Fanless
Mounting System	Wall Mount	Wall Mount	Wall Mount
CPU	Onboard Intel® Atom processor E3826 Dual Core 1.46GHz	Onboard Intel® Celeron® processor J1900 Quad Core 2.0GHz	Onboard Intel® Celeron® processor J1900 Quad Core 2.0GHz
CPU Socket	-	-	-
Chipset	-	-	-
BIOS	-	-	-
Watchdog Timer	-	-	-
Controller	-	-	-
Basic Equipment	-	-	-
Maximum Equipment	Up to 4GB	Up to 8GB	Up to 8GB
DRAM	-	-	-
SDRAM	-	-	-
DIMM / MemorySocket	1x DDR3L SO-DIMM	2x DDR3L SO-DIMM	2x DDR3L SO-DIMM
Compact Flash	-	-	-
SD	-	1x	1x
HDD	-	-	-
HD SATA	1x 2.5" SSD (SATA 2.0)	1x 2.5" SSD/HDD(SATA 2.0); 1x mSATA	1x 2.5" SSD/HDD(SATA 2.0); 1x mSATA
Removeable Storage	-	-	-
Graphic Interface	converted from DVI-I to VGA adapter VGA/CRT, 1x DVI-I DVI	1x DVI-D DVI, 1x DisplayPort	1x DVI-D DVI, 1x DisplayPort
Interface COM	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation
CAN	-	-	-
Galvanic Isolation	-	-	-
Interface USB	1x USB 2.0, 1x USB 3.0	3x USB 2.0, 1x USB 3.0	3x USB 2.0, 1x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	2x 10/100/1000 BASE-T	2x 10/100/1000 BASE-T	2x 10/100/1000 BASE-T
Interface IO	-	-	-
Mini PCIe	1x	2x	2x
Mini PCI	-	-	-
Camera	-	-	-
Video Input	-	-	-
Resolution	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Bluetooth	-	-	-
eSATA	-	-	-
Audio	-	-	-
Headphone	-	-	-
SIM Card	1x card holder	1x card holder	1x card holder
GPS	-	-	-
Mobile Communication 2G	-	-	-
Mobile Communication 3G	-	-	-
PCI	-	-	2x
PCIe	-	-	-
PCI/104	-	-	-
Operating System	Windows 7 + 8 (32bit / 64bit), Windows Embedded Standard 7 + 8 (32bit / 64bit), Linux Kernel version 3.8.0, Wind River® Intelligent Device Platform XT 2.0	Windows 7 + 8 (32bit / 64bit), Windows Embedded Standard 7 + 8 (32bit / 64bit), Linux Kernel version 3.8.0	Windows 8 + 7 (32-bit / 64-bit), Windows Embedded Standard 8 + 7 (32-bit / 64-bit), Linux Kernel version 3.8.0
Operating System Support	-	-	-
Input Voltage Nominal	+24VDC +/- 20% with 1KV isolation protection	+24VDC +/- 20%	+24VDC +/- 20%
Input Voltage Min/Max	-	-	-
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	-20°C to +70°C	-5°C to +55°C	-5°C to +55°C
Extended Operating Temperature	-	-	-
Storage Temperature	-30°C to +85°C	-20°C to +85°C	-20°C to +85°C
Relative Humidity	10% to 95% (non-condensing)	10% to 93% (non-condensing)	10% to 93% (non-condensing)
Protection	Shock + Vibration protection	Shock + Vibration protection	Shock + Vibration protection
Certification	CE, Class A FCC	EN61000-4-2 + EN61000-4-4 CE, Class A FCC	EN61000-4-2 + EN61000-4-4 CE, Class A FCC
Dimensions	92 x 135,5 x 192,5 mm (W x D x H)	85 x 157 x 214 mm (W x D x H)	151 x 157 x 230 mm (W x D x H)
Weight	-	-	-
Material	Aluminum and metal chassis	Aluminum and metal chassis	Aluminum and metal chassis
Typ. Application	Industrial	Industrial	Industrial

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Factory Automation Box-PC 100S



Factory Automation Box-PC 200



Factory Automation Box-PC 200P2

Bestellinformation

Artikel-Nr. PKBF1100-2
Factory Automation Box-PC 100S, w/ DC input
isolation, 2x RS232/422/485, 2x LAN, DVI-I, 1x
miniPCle

Artikel-Nr. PKBF1200
Factory Automation Box-PC 200, 2x
RS232/422/485, 2xLAN, DVI-D+DP, 2x Mini-PCle

Artikel-Nr. PKBF1200-1
Factory Automation Box-PC 200, w/ one FBI
Module, 2x RS232/422/485, 2xLAN, DVI-D+DP, 2x
Mini-PCle

Artikel-Nr. PKBF1201
Factory Automation Box-PC 200P2 w/ Intel
Celeron J1900, 2.0GHz, 2x COM, 2x LAN,
DVI-D+DP, 2x Mini-PCle, 2x PCI

Artikel-Nr. PKBF1201-1
Factory Automation Box-PC 200P2 w/ Intel
Celeron J1900, 2.0GHz, 2x COM, 2x LAN,
DVI-D+DP, 2x Mini-PCle, 2x PCI, 1x FBI Module

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Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 200P2E



Factory Automation Box-PC 200E2



Factory Automation Box-PC 104/104M

Cooling System	Fanless	Fanless	Fanless
Mounting System	Wall Mount	Wall Mount	Wall Mount
CPU	Onboard Intel® Celeron® processor J1900 Quad Core 2.0GHz	Onboard Intel® Celeron® processor J1900 Quad Core 2.0GHz	Intel Atom® E3826 or Celeron® J1900 processor
CPU Socket	-	-	-
Chipset	-	-	-
BIOS	-	-	-
Watchdog Timer	-	-	-
Controller	-	-	-
Basic Equipment	-	-	2GB (E3826) or 4GB (J1900)
Maximum Equipment	Up to 8GB	Up to 8GB	-
DRAM	-	-	-
SDRAM	-	-	-
DIMM / MemorySocket	2x DDR3L SO-DIMM	2x DDR3L SO-DIMM	DDR3L SO-DIMM
Compact Flash	-	-	-
SD	1x	1x	-
HDD	-	-	-
HD SATA	1x 2.5" SSD/HDD(SATA 2.0); 1x mSATA	1x 2.5" SSD/HDD(SATA 2.0); 1x mSATA	Onboard 16GB eMMC (PKBF1106) / Optional mSATA module (PKBF1107)
Removeable Storage	-	-	-
Graphic Interface	1x DVI-D DVI, 1x DisplayPort	1x DVI-D DVI, 1x DisplayPort	1x HDMI
Interface COM	2x RS232/422/485 auto with 2.5KV Isolation	2x RS232/422/485 auto with 2.5KV Isolation	1x RS232/485
CAN	-	-	-
Galvanic Isolation	-	-	-
Interface USB	3x USB 2.0, 1x USB 3.0	3x USB 2.0, 1x USB 3.0	1x USB 2.0, 1x USB 3.0
Interface IEEE1394	-	-	-
Interface LAN	2x 10/100/1000 BASE-T	2x 10/100/1000 BASE-T	2x 10/100/1000 BASE-T, Optional WLAN
Interface IO	-	-	4x GPI and 4x GPO GPIO
Mini PCIe	2x	2x	2x
Mini PCI	-	-	-
Camera	-	-	-
Video Input	-	-	-
Resolution	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Bluetooth	-	-	-
eSATA	-	-	-
Audio	-	-	-
Headphone	-	-	-
SIM Card	1x card holder	1x card holder	-
GPS	-	-	-
Mobile Communication 2G	-	-	-
Mobile Communication 3G	-	-	-
PCI	1x	-	-
PCIe	1x	2x	-
PCI/104	-	-	-
Operating System	-	-	-
Operating System Support	Windows 8 + 7, WES 8 + 7, Linux Kernel v3.8.0	Windows 8 + 7, WES 8 + 7, Linux Kernel v3.8.0	WINDOWS 10 IoT / WES 7 / Linux Kernel 3.8.0 / Ubuntu 14.04
Input Voltage Nominal	+24VDC +/- 20%	+24VDC +/- 20%	+24VDC +/- 20%
Input Voltage Min/Max	-	-	-
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	-5°C to +55°C	-5°C to +55°C	-5°C to +50°C / -5°C to 55°C
Extended Operating Temperature	-	-	-
Storage Temperature	-20°C to +85°C	-20°C to +85°C	-20°C to +80°C
Relative Humidity	10% to 93% (non-condensing)	10% to 93% (non-condensing)	10% to 93% (non-condensing)
Protection	Shock + Vibration protection	Shock + Vibration protection	Shock + Vibration protection
Certification	EN61000-4-2 + EN61000-4-4 CE, Class A FCC	EN61000-4-2 + EN61000-4-4 CE, Class A FCC	CE, Class A FCC
Dimensions	151 x 157 x 230 mm (W x D x H)	151 x 157 x 230 mm (W x D x H)	56,5 x 100 x 130 mm (W x D x H)
Weight	-	-	-
Material	Aluminum and metal chassis	Aluminum and metal chassis	Aluminum and metal chassis
Typ. Application	Industrial	Industrial	Industrial

Selection Guide Factory Automation Box-PC



Factory Automation Box-PC 200P2E



Factory Automation Box-PC 200E2



Factory Automation Box-PC 104/104M

Bestellinformation

Artikel-Nr. PKBF1202

Factory Automation Box-PC 200P2E w/ Intel
Celeron J1900, 2.0GHz, 2x COM, 2x LAN, DVI-D +
DP, 2x Mini-PCIe, 1x PCI + 1x PCIe x4

Artikel-Nr. PKBF1202-1

Factory Automation Box-PC 200P2E w/ Intel
Celeron J1900, 2.0GHz, 2x COM, 2x LAN, DVI-D +
DP, 2x Mini-PCIe, 1x PCI + 1x PCIe x4, 1x FBI
Master Module

Artikel-Nr. PKBF1203

Factory Automation Box-PC 200E2 w/ Intel
Celeron J1900, 2.0GHz, 2x COM, 2x LAN, DVI-D +
DP, 2x Mini-PCIe, 2x PCIe x1

Artikel-Nr. PKBF1203-1

Factory Automation Box-PC 200E2 w/ Intel
Celeron J1900, 2.0GHz, 2x COM, 2x LAN, DVI-D +
DP, 2x Mini-PCIe, 2x PCIe x1, 1x FBI Master
Module

Artikel-Nr. PKBF1106

Factory Automation Box-PC 104, Intel Atom E3826
1.46GHz, 1x RS232/485, 2x GbE, HDMI, 2GB
DDR3L, 16GB eMMC

Artikel-Nr. PKBF1107

Factory Automation Box-PC 104M, Intel Celeron
J1900 2.0GHz, 1x RS232/485, 2x GbE, HDMI,
4GB DDR3L

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