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HMI/industrial PC

Box PC

IndraControl VPB



HMI/industrial PC

Box PC ■ IndraControl VPB**Documentation**

IndraControl VPB provides a professional solution for applications where PC and control unit have to be separated. The variable industrial box PCs are securely mounted in a control cabinet and connected to various displays and terminals. We offer different versions of the box PCs in terms of computing power, storage capacity, plug-in cards, etc. for various industry requirements.

Technical data

	VPB 40.3 Slot 1	VPB 40.3 Slot 2	VPB 40.3 Slot 4
Processor			
CPU	Celeron P4500 1.86 GHz Core i5-520M 2.4 GHz Core i7-620M 2.66 GHz Core i7-3612QE 2,1 GHz	Celeron P4500 1.86 GHz Core i5-520M 2.4 GHz Core i7-620M 2.66 GHz Core i7-3612QE 2,1 GHz	Celeron P4500 1.86 GHz Core i5-520M 2.4 GHz Core i7-620M 2.66 GHz Core i7-3612QE 2,1 GHz
Operating system	Windows XP Windows 7		
Hardware			
PCI/PCIe slots	1/0	2/0; 1/1	4/0; 2/2; 0/4
Hard disk	1 x 320 GB (Standard)		
Hard disk (RAID 1)	2 x 320 GB (Option)		
Solid State Disk SSD	192 GB (Option)		
DVD-ROM/DVD-RW	DVD burner (Option)		
Memory			
Use / application	2 GB 4 GB 8 GB	2 GB 4 GB 8 GB	2 GB 4 GB 8 GB
Interfaces			
Ethernet	2 x Ethernet TCP/IP (1Gbit/s)		
USB	6 x USB 2.0		
External service monitor	1 x DVI		
Serial	1 x CDI interface Industrie-PC connection to display/terminal		
Electrical data			
Power supply U	24 V DC		
U _{min} ... U _{max}	19 V DC ... 30 V DC		
Power consumption	160 W		
UPS	External		

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Protection			
Protection category - overall	IP20		
Load			
Vibration resistance	1 g		
Shock resistance	15 g		
Norms and Standards			
Certification	CE/UL/CSA		
Environmental conditions			
Permissible temperature (operation)	+5 °C ... +45 °C		
Permissible humidity (operation)	5% ... 85%, EN 61131-2		
Weight			
Weight	2,5 kg	2,6 kg	3,3 kg

Dimensions

		VPB 40.3 Slot 1	VPB 40.3 Slot 2	VPB 40.3 Slot 4
Dimensions				
Height H, 1 slot	[mm]	205	0	0
Width B, 1 slot	[mm]	84	0	0
Length T, 1 slot	[mm]	181	0	0
Height H, 2 slot	[mm]	0	205	0
Width B, 2 slot	[mm]	0	110	0
Length T, 2 slot	[mm]	0	181	0
Height H, 4 slot	[mm]	0	0	321
Width B, 4 slot	[mm]	0	0	92
Length T, 4 slot	[mm]	0	0	181

Ordering information

Type code	Description	Material number:
VPB40.3D1L-2G0NN-C3D-DN-NN-FW	IndraControl VPB40.3, Celeron P4500 1.86 GHz, 2 GB RAM, 2x PCI slots, 320 GB HDD	R911172456
VPB40.3D1M-2G0NN-C3D-DE-NN-FW	IndraControl VPB40.3, Celeron P4500 1.86 GHz, 2 GB RAM, 4x PCI slots, 320 GB HDD, DVD burner	R911172461
VPB40.3D1M-2G0NN-C3D-HN-NN-FW	IndraControl VPB40.3, Celeron P4500 1.86 GHz, 2 GB RAM, 4x PCI slots, 192 GB SSD	R911172924
VPB40.3D1N-2G0NN-C3D-DN-NN-FW	IndraControl VPB40.3, Celeron P4500 1.86 GHz, 2 GB RAM, 1x PCI and 1x PCIe slot, 320 GB HDD	R911172570
VPB40.3D1L-2G0NN-D4D-DN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 2x PCI slots, 320 GB HDD	R911172457
VPB40.3D1L-2G0NN-D4D-HN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 2x PCI slots, 192 GB SSD	R911172886
VPB40.3D1L-2G0NN-D4D-EE-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 2x PCI slots, 2x 320 GB HDD (RAID1) DVD burner	R911172926
VPB40.3D1L-2G0NN-D4D-DE-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 2x PCI slots, 320 GB HDD, DVD burner	R911172928

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Type code	Description	Material number:
VPB40.3D1L-2G0NN-D4D-EN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 2x PCI slots, 2x 320 GB HDD (RAID1)	R911172943
VPB40.3D1M-2G0NN-D4D-DE-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 4x PCI slots, 320 GB HDD, DVD burner	R911172462
VPB40.3D1M-2G0NN-D4D-EE-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 4x PCI slots, 2x 320 GB HDD (RAID1) DVD burner	R911172463
VPB40.3D1N-2G0NN-D4D-DN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 1x PCI and 1x PCIe slot, 320 GB HDD	R911172571
VPB40.3D1M-2G0NN-D4D-EN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 4x PCI slots, 2x 320 GB HDD (RAID1)	R911173041
VPB40.3D1L-2G0NN-C3D-HN-NN-FW	IndraControl VPB40.3, Core i5-520M 1.86 GHz, 2 GB RAM, 2x PCI slots, 192 GB SSD	R911173679
VPB40.3D1L-4G0NN-D4D-HN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 4 GB RAM, 2x PCI slots, 192 GB SSD	R911173726
VPB40.3D1L-4G0NN-D4D-KN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 4 GB RAM, 2x PCI slots, 2x 192 GB SSD (RAID1)	R911173727
VPB40.3D1L-4G0NN-D5D-KN-NN-FW	IndraControl VPB40.3, Core i5-620M 2.66 GHz, 4 GB RAM, 2x PCI slots, 2x 192 GB SSD (RAID1)	R911173729
VPB40.3D1L-8G0NN-D6D-DN-NN-FW	IndraControl VPB40.3, Core i7-3612QE quad core 2.1 GHz, 8 GB RAM, 2x PCI slots, 320 GB HDD	R911173590
VPB40.3D1R-2G0NN-D4D-DN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 4x PCIe slots, 320 GB HDD	R911173281
VPB40.3D1R-4G0NN-D5D-DE-NN-FW	IndraControl VPB40.3, Core i5-620M 2.66 GHz, 4 GB RAM, 4x PCIe slots, 320 GB HDD, DVD burner	R911173277
VPB40.3D1R-4G0NN-D5D-DN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 4x PCIe slots, 320 GB HDD	R911173056
VPB40.3D1K-2G0NN-D4D-DN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 1x PCI slot, 320 GB HDD	R911173259
VPB40.3D1L-4G0NN-D5D-DN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 2x PCI slots, 320 GB HDD	R911172459
VPB40.3D1L-4G0NN-D5D-EE-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 2x PCI slots, 2x 320 GB HDD (RAID1) DVD burner	R911172626
VPB40.3D1L-4G0NN-D5D-EN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 2x PCI slots, 2x 320 GB HDD (RAID1)	R911172753
VPB40.3D1L-4G0NN-D5D-HN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 2x PCI slots, 192 GB SSD	R911172887
VPB40.3D1M-4G0NN-D5D-DE-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 4x PCI slots, 320 GB HDD, DVD burner	R911172464
VPB40.3D1M-4G0NN-D5D-EE-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 4x PCI slots, 2x 320 GB HDD (RAID1) DVD burner	R911172465
VPB40.3D1M-4G0NN-D5D-HN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 4x PCI slots, 192 GB SSD	R911172889
VPB40.3D1Q-4G0NN-D5D-DN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 2x PCI and 2x PCIe slots, 320 GB HDD	R911172784
VPB40.3D1Q-4G0NN-D5D-EE-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 2x PCI/2x PCIe slots, 2x 320 GB HDD (RAID1) DVD burner	R911172953
VPB40.3D1M-2G0NN-D4D-HN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 4x PCI slots, 192 GB SSD	R911173496
VPB40.3D1M-4G0NN-D4D-HN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 4 GB RAM, 4x PCI slots, 192 GB SSD	R911173728
VPB40.3D1M-4G0NN-D5D-EN-NN-FW	IndraControl VPB40.3, Core i7-620M 2.66 GHz, 4 GB RAM, 4x PCI slots, 2x 320 GB HDD (RAID1)	R911173231
VPB40.3D1Q-16GNN-D6D-HN-NN-FW	IndraControl VPB40.3, Core i7-3612QE quad core 2.1 GHz, 16 GB RAM, 2x PCI and 2x PCIe slots, 192 GB SSD	R911173983
VPB40.3D1Q-2G0NN-D4D-DN-NN-FW	IndraControl VPB40.3, Core i5-520M 2.4 GHz, 2 GB RAM, 2x PCI and 2x PCIe slots, 320 GB HDD	R911173637
VPB40.3D1Q-8G0NN-D6D-HN-NN-FW	IndraControl VPB40.3, Core i7-3612QE quad core 2.1 GHz, 8 GB RAM, 2x PCI and 2x PCIe slots, 192 GB SSD	R911173441

HMI/industrial PC

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Type code	Description	Material number:
VAP01.1H-W23-024-010-NN	24 V DC power supply unit, 100-120/200-240 V AC Auto Select	R911171065
VAU01.1U-024-024-240-NN	Uninterrupted power supply UPS, 24 V DC, 240 watts	R911171024

Type code	Description	Material number:
FWA-VS3VP3-WXP-03VRS-A0-OEM	Firmware, operating system Windows XP, English with MUI language extensions (German, French, Italian, Spanish, Portuguese, Swedish)	R911172447
FWA-VS3VP3-WXP-03VRS-A0-OEM A1	Firmware, operating system Windows XP, English with MUI language extensions (German, French, Italian, Spanish, Portuguese, Swedish) and Acronis data backup software	R911172448
FWA-VP3***-W7*-01VRS-A0-OEM	Firmware, operating system Windows 7 (64-bit), English with language extensions (German, French, Italian, Spanish, Portuguese, Swedish)	R911172607
FWA-VP3***-W7*-01VRS-A0-OEM A1	Firmware, operating system Windows 7 (64-bit), English with language extensions (German, French, Italian, Spanish, Portuguese, Swedish) and Acronis data backup software	R911172608

Type code	Description	Material number:
DOK-SUPPL*-VPB*40.3***-PR04-DE-P	IndraControl VPB project planning manual (DE)	R911323875
DOK-SUPPL*-VPB*40.3***-PR04-EN-P	IndraControl VPB project planning manual (EN)	R911323876
DOK-SUPPL*-VPB*40.3***-IT	Operating instructions for Rexroth IndraControl VPB (DE)	R911336749
DOK-SUPPL*-VPB*40.3***-IT_XXX	Operating instructions for Rexroth IndraControl VPB (EN)	R911336750
DOK-SUPPL*-VAU*01.1X**-IT	Operating instructions for Rexroth IndraControl VAU (DE)	R911336866
DOK-SUPPL*-VAU*01.1X**-IT_XXX	Operating instructions for Rexroth IndraControl VAU (EN)	R911336867

Accessories**Auxiliary components**

Description	Description	Description
HMI/industrial PC	Accessories	IndraControl VAC, VAP, VAU

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