

Specifications (IBX-700/800/900)

Model No.	IBX-700-9103	IBX-700-9153	IBX-800-9452	IBX-900-9454	IBX-900-Q354
SBC	POS-9103	POS-9153	POS-9452	POS-9454	POS-Q354
CPU Options	Intel® ULV Celeron® M 1GHz / 512KB L2 cache Processor 373	Intel® Celeron® M 1.5GHz / 1MB L2 cache Processor 370	Intel® Core™ Duo 1.66GHz / 2MB L2 cache Processor T2300E	Intel® Celeron® D 3.2GHz/ 512KB L2 cache Processor 352 Intel® Pentium® 4 3.4GHz/ 2MB L2 cache Processor 651 Intel® Pentium® Dual-Core 1.8GHz/ 1MB L2 cache Processor E2160	Intel® Core™ 2 Duo 3.0GHz/ 6MB L2 cache Processor E8400
Chipset	Intel® 910GML+ ICH6-M	Intel® 915GM+ ICH6-M	Intel® 945GM+ ICH7-R	Intel®945G+ ICH7-R	Intel®Q35+ ICH9DO
Memory	built-in 1GB DDR2 memory system supports 2 x 240 pin Dual channel DDR2 400/533 MHz up to 2 GB		built-in 1GB DDR2 memory system supports 2 x 240 pin Dual channel DDR2 533/667MHz up to 4 GB	built-in 1GB DDR2 memory system supports 2 x 240 pin Dual channel DDR2 533/667/800MHz up to 4 GB	
Display	Integrated in Intel® 910GML+	Integrated in Intel® 915GM	Integrated in Intel® 945GM	Integrated in Intel® 945G	Integrated in Intel® Q35
Extension Slot	Expandable with optional riser card PCIR-700: 1 x PCI, 1 x PCIe MiniCard PCIER-700: 1 x PCIe x 1, 1 x PCIe MiniCard		Expandable with optional riser card PCIR-800: 1 x PCI, 1 x PCIe MiniCard PCIER-800: 1 x PCIe x 1, 1 x PCIe MiniCard	Expandable with optional riser card PCIER-900: 1 x PCIe x 16, 1 x PCIe x 1, 1 x PCIe MiniCard	
HDD	built-in 1 x 80GB 2.5" SATA HDD supports upto 2 x 2.5" HDD			built-in 1 x 160GB 3.5" SATA HDD supports upto 2 x 3.5" HDD	
SSD	1 x CF Type II slot				
LAN	1 x GbE with RJ-45			2 x GbE with RJ-45	
USB	2 x USB 2.0 on front panel 2 x USB 2.0 on I/O panel			2 x USB 2.0 on front panel 4 x USB 2.0 on I/O panel	
COM	2 x RS-232 (COM5/ COM6)			N/A	
Powered COM	5V or 12V output from pin 9, with LED voltage indicator (COM1~COM4)				
LPT	1 x DB-25				
Powered USB	1 x 12V Powered USB				
Cash Drawer Port (Digital I/O)	2 x RJ-12, 1DI/ 1DO with 12VDC output				
Wireless	Expandable by BTO order with MOQ 802.11b/g with PIFA antenna, PCIe interface				
KB/MS	1/1 PS2				
Audio	1 x Line-out, 1 x Mic in				
ODD	1 x slim DVD Combo CD-RW 24x, DVD-ROM 8 x				
Operation Temperature	0°C~ 45°C				
Power Input	12V DC in with 63000-FSP0841ADC11118-RS 84W power adapter 9-36VDC in by IDD-9364120A DC-to-DC module	90V~264V AC in, with ACE-A615A 150W ATX power supply		90V~264V AC in, with ACE-A627A 270W ATX power supply	
Dimensions (WxDxH)	309 mm x 300 mm x 75 mm		309 mm x 330 mm x 85 mm	309 mm x 350 mm x 95 mm	
Net Weight	3.6 kgs		4.3 kgs	5.1 kgs	
EMC/ Safety	CE, FCC class B, UL, CCC		CE, FCC class B, UL, CCC	CE, FCC class B, UL, CCC	

● Packing List

1 x IBX POS PC	1 x Screw set
1 x Power adapter (for IBX-700 only)	1 x CF Card Slot Cover
1 x Power cord	1 x Utility CD
1 x DVD-ROM SATA cable	4 x Foot pad

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Industrial Computing Solutions

2

Embedded Computing Solutions

3

RISC-Based Embedded Solutions

4

Industrial Data Collector/ Server Solutions

5

Video Capture Solutions

6

I/O Communication Solutions

7

Panel Solutions

8

Power Supply/ Network Communication/ Peripherals

Ordering Information

Model	Power	Chipset	Wireless	Expansion Slot	Part No. (With DVD)	Part No. (Without DVD)
IBX-700	90-264V AC	910GMLE	N/A	N/A	IBX-700D-9103-R10-WBOOC/CM373/1GB	IBX-700D-9103-R10-WBOOO/CM373/1GB
			802.11b/g	PCI	IBX-700D-9103-R10-WBIGC/CM373/1GB	IBX-700D-9103-R10-WBIGO/CM373/1GB
			802.11b/g	PCIe x1	IBX-700D-9103-R10-WBEGC/CM373/1GB	IBX-700D-9103-R10-WBEGO/CM373/1GB
		915GM	N/A	N/A	IBX-700D-9153-R10-WSOOC/CM370/1GB	IBX-700D-9153-R10-WSOOO/CM370/1GB
			802.11b/g	PCI	IBX-700D-9153-R10-WSIGC/CM370/1GB	IBX-700D-9153-R10-WSIGO/CM370/1GB
			802.11b/g	PCIe x1	IBX-700D-9153-R10-WSEGC/CM370/1GB	IBX-700D-9153-R10-WSEGO/CM370/1GB
	9-36V DC	910GMLE	N/A	N/A	IBX-700M-9103-R10-WBOOC/CM373/1GB	IBX-700M-9103-R10-WBOOO/CM373/1GB
			802.11b/g	PCI	IBX-700M-9103-R10-WBIGC/CM373/1GB	IBX-700M-9103-R10-WBIGO/CM373/1GB
			802.11b/g	PCIe x1	IBX-700M-9103-R10-WBEGC/CM373/1GB	IBX-700M-9103-R10-WBEGO/CM373/1GB
		915GM	N/A	N/A	IBX-700M-9153-R10-WSOOC/CM370/1GB	IBX-700M-9153-R10-WSOOO/CM370/1GB
			802.11b/g	PCI	IBX-700M-9153-R10-WSIGC/CM370/1GB	IBX-700M-9153-R10-WSIGO/CM370/1GB
			802.11b/g	PCIe x1	IBX-700M-9153-R10-WSEGC/CM370/1GB	IBX-700M-9153-R10-WSEGO/CM370/1GB
IBX-800	90-264V AC	945GM	N/A	N/A	IBX-800A-9452-R10-WSOOC/T2300E/1GB	IBX-800A-9452-R10-WSOOO/T2300E/1GB
			802.11b/g	PCI	IBX-800A-9452-R10-WSIGC/T2300E/1GB	IBX-800A-9452-R10-WSIGO/T2300E/1GB
			802.11b/g	PCIe x1	IBX-800A-9452-R10-WSEGC/T2300E/1GB	IBX-800A-9452-R10-WSEGO/T2300E/1GB
IBX-900	90-264V AC	945G	N/A	N/A	IBX-900A-9454-R10-WSOOC/CD352/1GB	IBX-900A-9454-R10-WSOOO/CD352/1GB
			802.11b/g	PCIe x1 PCIe x16	IBX-900A-9454-R10-WSEGC/CD352/1GB	IBX-900A-9454-R10-WSEGO/CD352/1GB
			N/A	N/A	IBX-900A-9454-R10-WSOOC/P651/1GB	IBX-900A-9454-R10-WSOOO/P651/1GB
			802.11b/g	PCIe x1 PCIe x16	IBX-900A-9454-R10-WSEGC/P651/1GB	IBX-900A-9454-R10-WSEGO/P651/1GB
			N/A	N/A	IBX-900A-9454-R10-WSOOC/E2160/1GB	IBX-900A-9454-R10-WSOOO/E2160/1GB
			802.11b/g	PCIe x1 PCIe x16	IBX-900A-9454-R10-WSEGC/E2160/1GB	IBX-900A-9454-R10-WSEGO/E2160/1GB
		Q35	N/A	N/A	IBX-900A-Q354-R10-WSOOC/E8400/1GB	IBX-900A-Q354-R10-WSOOO/E8400/1GB
			802.11b/g	PCIe x1 PCIe x16	IBX-900A-Q354-R10-WSEGC/E8400/1GB	IBX-900A-Q354-R10-WSEGO/E8400/1GB

Options

	Part No.	Description
IBX-700	IBXCF-P9103-XPE	Windows® XP Embedded OS image for IBX-700-9103, with 1GB CF card
	IBXCF-P9103-WEPOS	Windows® WEPOS OS image for IBX-700-9103, with 1GB CF card
	IBXCF-P9153-XPE	Windows® XP Embedded OS image for IBX-700-9153, with 1GB CF card
	IBXCF-P9153-WEPOS	Windows® WEPOS OS image for IBX-700-9153, with 1GB CF card
	PCIR-700-R10	Riser card for IBX-700 with one PCI and one PCIe mini card slot
	PCIER-700-R10	Riser card for IBX-700 with one PCIe x1 slot and one PCIe mini card slot
IBX-800	IBXCF-P9452-XPE	Windows® XP Embedded OS image for IBX-800-9452, with 1GB CF card
	IBXCF-P9452-WEPOS	Windows® WEPOS OS image for IBX-800-9452, with 1GB CF card
	PCIER-800-R10	Riser card for IBX-800 with one PCIe x1 slot and one PCIe mini card slot
IBX-900	IBXCF-P9454-XPE	Windows® XP Embedded OS image for IBX-900-9454, with 1GB CF card
	IBXCF-P9454-WEPOS	Windows® WEPOS OS image for IBX-900-9454, with 1GB CF card
	IBXCF-Q354-XPE	Riser card for IBX-900 with one PCIe x16 slot, one PCIe x1 slot and one PCIe mini card slot
	IBXCF-Q354-WEPOS	Windows® WEPOS OS image for IBX-900-Q354, with 2GB CF card
	PCIER-900-R10	Riser card for IBX-900 with one PCIe x16 slot, one PCIe x1 slot and one PCIe mini card slot

Naming Rule

IBX-700|M 9103 R10 WBOOC CM373 1GB 80G

A B C D E F G H

A: Design Code
700, 800, 900

B: Power input
A ~ AC in, D ~ 12VDC in, M ~ 9-36VDC in

C: SBC code

D: Revision number

E: Configuration code
1st letter - color
W ~ white
2nd letter - CPU mounting
S ~ socket, B ~ CPU onboard
3rd letter - riser card type
O ~ without riser, I ~ PCI riser, E ~ PCIe riser
4th letter - wireless mode
O ~ without wireless, N ~ 802.11b/g/n wireless,
G ~ 802.11b/g wireless
5th letter - ODD type
O ~ without ODD, C ~ DVD combo, D ~ DVD RW

F: CPU code

G: Memory capacity

H: Hard drive capacity

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- 7 Panel Solutions
- 8 Power Supply/Network Communication/Peripherals