

Compatibility chart - xPC TargetBox® vs. classic real-time target machine

Feature/Specification	xPC TargetBox 106	xPC TargetBox 107	xPC TargetBox 108	Classic real-time target machine	Comparison summary Classic real-time target machine is ...
Enclosure size	270 x 162 x 82mm	270 x 162 x 82mm	270 x 162 x 82mm	270 x 162 x 82mm	Identical
Weight	2.2kg	2.2kg	2.2kg	2.2kg	Identical
Enclosure color	Blue	Blue	Blue	Dark gray	Cosmetically different
Top label	xPC TargetBox specific	xPC TargetBox specific	xPC TargetBox specific	Classic real-time target machine specific	Cosmetically different
CPU	Pentium-MMX 266MHz	Mobile Pentium-III 400MHz	Mobile Pentium-III 700MHz	Celeron-M 600MHz	Better
RAM	128MB	128MB	128MB	256MB	Better
IDE FlashDisk	32MB	32MB	32MB	128MB	Better
On-board Ethernet controller	Intel 82551ER	Intel 82551ER	Intel 82551ER	Intel 82551ER	Identical
On-board serial ports	4	4	4	4	Identical
On-board parallel port	1	1	1	1 (used for external floppy drive or parallel port connection)	Identical
On-board keyboard/mouse connectors	1 keyboard, 1 mouse	1 keyboard, 1 mouse	1 keyboard, 1 mouse	1 keyboard, 1 mouse	Identical
On-board graphics	VGA (15 pin SVGA connector)	VGA (15 pin SVGA connector)	VGA (15 pin SVGA connector)	VGA (DVI-I connector including DVI-I to 15-pin SVGA adapter)	Identical (with provided adapter)
USB	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0	Identical
BIOS	General Software	General Software QuickBoot	General Software QuickBoot	General Software QuickBoot	Identical
Standard temperature range	0..60C	0..60C	0..60C	0..60C	Identical
Extended temperature range	-40..75C (xPC TargetBox 206)	-40..75C (xPC TargetBox 207)	-40..65C (xPC TargetBox 208)	-40..75C (ExtTemp option)	Identical or better
Power input	8-28 V DC	8-28 VDC	8-28 VDC	8-28 VDC	Identical
External power adapter	110-240V AC, 50/60Hz	110-240V AC, 50/60Hz	110-240V AC, 50/60Hz	110-240V AC, 50/60Hz	Identical
External floppy drive	Including enclosure connected to dedicated 25-pin connector on TargetBox enclosure, no additional power required	Including enclosure connected to dedicated 25-pin connector on TargetBox enclosure, no additional power required	Including enclosure connected to dedicated 25-pin connector on TargetBox enclosure, no additional power required	Including enclosure connected to standard parallel port 25-pin connector on classic real-time target machine enclosure, no additional power required	Electrically identical, connection at front instead of rear

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Shipping case	Reusable hard-plastic case	Reusable hard-plastic case	Reusable hard-plastic case	Reusable hard-plastic case	Identical
Maximum numbers of PC/104 I/O boards	4	4	4	4	Identical
Number of I/O connectors	6	6	6	6	Identical
Available I/O options (PC/104 I/O modules)	IO301, IO302, IO303, IO304, IO306, IO308, IO309	IO301, IO302, IO303, IO304, IO306, IO308, IO309	IO301, IO302, IO303, IO304, IO306, IO308, IO309	IO301, IO302, IO303, IO304, IO306, IO308, IO309 compatible (exact same I/O card, but different part number)	Identical
Internal cabling for populated PC/104 I/O modules (I/O options)	Yes	Yes	Yes	Yes	Identical
External I/O cables for PC/104 I/O modules (I/O options)	Yes	Yes	Yes	Yes	Identical
External I/O terminal adapters for PC/104 I/O modules (I/O options)	Yes	Yes	Yes	Yes	Identical
PC/104 I/O module test dongles	Yes	Yes	Yes	Yes	Identical
Shock & Vibration standards	EN60068-2-6, EN60068-2-27	EN60068-2-6, EN60068-2-27	EN60068-2-6, EN60068-2-27	EN60068-2-6, EN60068-2-27	Identical
Humidity	10-90%, non-condensing	10-90%, non-condensing	10-90%, non-condensing	10-90%, non-condensing	Identical
EMI	FCC Part 15, Class A, EN 55022, VCCI, ICES-003, AS/NZS 3548	FCC Part 15, Class A, EN 55022, VCCI, ICES-003, AS/NZS 3548	FCC Part 15, Class A, EN 55022, VCCI, ICES-003, AS/NZS 3548	CE, EN50081-2, EN50082-2, EN60950	Better
Warranty	12 months	12 months	12 months	12 months	Identical