NI PXI-5124 Specifications

12-Bit 200 MS/s Digitizer

Unless otherwise noted, the following conditions were used for each specification:

- All filter settings
- All impedance selections
- Sample clock set to 200 MS/s using onboard clock

Typical values are representative of an average unit operating at room temperature. Specifications are subject to change without notice. For the most recent NI 5124 specifications, visit ni.com/manuals.

To access the NI 5124 documentation, including the *NI High-Speed Digitizers Getting Started Guide*, which contains functional descriptions of the NI 5124 signals, navigate to **Start»Programs»National Instruments» NI-SCOPE»Documentation**.

Caution-Hot Surface Allow time to cool before removing NI 5124 hardware from the PXI chassis to reduce risk of burns. Exercise caution when handling, as recently-used NI 5124 devices may exceed safe handling temperatures.

Contents

Vertical	2
Analog Input (Channel 0 and Channel 1)	2
Horizontal	12
Sample Clock	12
Phase-Locked Loop (PLL) Reference Clock	14
CLK IN (Sample Clock and Reference Clock Input,	
Front Panel Connector)	14
CLK OUT (Sample Clock and Reference Clock Output,	
Front Panel Connector)	15
Trigger	15
Reference (Stop) Trigger	
TRIG (External Trigger, Front Panel Connector)	17
PFI 0 and PFI 1 (Programmable Function Interface,	
AUX Front Panel Connector)	17

Waveform Specifications	19
Calibration	
Power	20
Software	21
Environment	22
Safety, Electromagnetic Compatibility, and CE Compliance	23
Physical	24
Technical Support Resources	
NI Web Support	
Worldwide Support	
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Vertical

Analog Input (Channel O and Channel 1)

Specification	Va	Comments		
Number of Channels	Two (simultaneously sample	—		
Connector	BNC	—		
Impedance and	Impedance and Coupling			
Input Impedance	50 Ω ±2.0%	Software selectable.		
Input Coupling	AC, DC, GND		AC coupling available on 1 MΩ only.	

Table 1.

Specification Value Comments Voltage Levels Full Scale (FS) 50 Ω $1 M\Omega$ Input Range Range Vertical Offset Vertical Offset Range and (V_{pk-pk}) Range (V) (V_{pk-pk}) Range (V) Programmable Vertical Offset 0.2 0.2 ± 0.1 ± 0.1 0.4 ± 0.2 0.4 ± 0.2 1 ±0.5 1 ±0.5 2 2 ±1 ± 1 4 ±2 4 ±2 10 0 10 ±5 20 0 50 Ω Maximum Input $1 M\Omega$ Overload 7 V_{rms} with |Peaks| \leq 10 V $|\text{Peaks}| \le 42 \text{ V}$ Accuracy Resolution 12 bits DC Accuracy Within ±5 °C of Range (Programmable 50 Ω and 1 M Ω self-calibration (V_{pk-pk}) Vertical temperature. 0.2.0.4 $\pm (0.65\% \text{ of Input} + 1.3 \text{ mV})$ Offset = 0 V) 1, 2 $\pm (0.65\% \text{ of Input} + 1.5 \text{ mV})$ 4, 10, $\pm (0.65\% \text{ of Input} + 10.0 \text{ mV})$ $20 (1 \text{ M}\Omega \text{ only})$ Within $\pm 5 \,^{\circ}\text{C}$ of Programmable $\pm 0.4\%$ of offset setting Vertical Offset self-calibration Accuracy temperature. $\pm (0.057\% \text{ of Input} + 0.006\% \text{ of FS} + 100 \,\mu\text{V}) \text{ per }^{\circ}\text{C}$ DC Drift AC Amplitude Within ± 5 °C of 50 Ω 1 MΩ Accuracy self-calibration ±0.06 dB ±0.09 dB temperature. (±0.7%) at 50 kHz (±1.0%) at 50 kHz

 Table 1. (Continued)

 Table 1. (Continued)

Specification		Va	lue		Comments
Crosstalk, Typical	$\leq -85 \text{ dB at } 10 \text{ M}$	Hz			CH 0 to/from CH 1, External Trigger to CH 0 or CH 1.
Sparkle Code Rate, Typical	<300 ppt* with or <3 ppt* with 150 0 with 100 MHz e	MHz exter	nal clock	Iz external clock	Results based on 2×10^{12} samples. *ppt = parts per trillion (10 ¹²)
Bandwidth and	Transient Response	e			
Bandwidth (-3 dB)	Range (V _{pk-pk})	50 Ω 1 ΜΩ			Filters off. *135 MHz above
	All ranges except 0.2	150 MHz 145 MHz up to 40 °C*		40 °C.	
	0.2	85	MHz	75 MHz	
Rise/Fall Time, Typical	Range (V _{pk-pk})		50 Ω and 1	Ι ΜΩ	—
	All ranges except 0.2		2.4 ns	3	
	0.2		3.3 ns	5	
Bandwidth	Noise Filte	er	Antia	alias Filter	Only one filter can
Limit Filters	20 MHz, typical 2-pole Bessel filter				be enabled at any given time. The antialias filter is enabled by default.
AC Coupling Cutoff (-3 dB)	12 Hz				AC coupling available on 1 M Ω only.

Table 1.	(Continued)
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Specification		Va	lue	Comments
Passband Flatness	Filter Settings	Range (V _{pk-pk})	50 Ω and 1 M Ω	Referenced to 50 kHz.
	Filters Off	All ranges except 0.2	±0.5 dB DC to 20 MHz ±1.0 dB 20 MHz to 50 MHz ±1.7 dB 50 MHz to 100 MHz	
		0.2	±0.6 dB DC to 20 MHz ±1.5 dB 20 MHz to 40 MHz	
	Antialias Filter On	All ranges	-1.0 dB to +2.0 dB DC to 55 MHz	

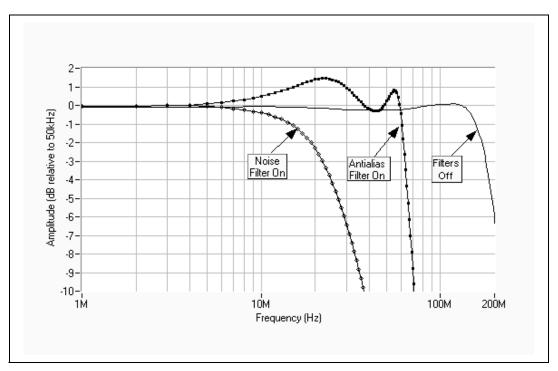


Figure 1. NI 5124 Frequency Response (Typical)

Specification	tion Value			
Spectral Character	eristics			
Spurious Free Dynamic Range	Range (V _{pk-pk})	50 Ω	1 MΩ	Filters off or antialias filter
with Harmonics (SFDR), Typical	0.2	-75 dBc	-70 dBc	on.
	0.4	-75 dBc	-70 dBc	10 MHz, -1 dBFS input
	1	-72 dBc	-70 dBc	signal.
	2	-72 dBc	-70 dBc	Includes the 2nd through
	4	-65 dBc	-67 dBc	the 5th
	10	-65 dBc	-60 dBc	harmonics.
	20 (1 MΩ only)	N/A	-60 dBc	Measured from DC to 100 MHz
Total Harmonic Distortion	Range (V _{pk-pk})	50 Ω	1 M Ω	Filters off or antialias filter
(THD), Typical	0.2	-74 dBc	-68 dBc	on.
	0.4	-74 dBc	-68 dBc	10 MHz, -1 dBFS input
	1	-72 dBc	-68 dBc	signal.
	2	-72 dBc	-67 dBc	Includes the 2nd through
	4	-63 dBc	-66 dBc	the 5th
	10	-63 dBc	-58 dBc	harmonics.
	20 (1 MΩ only)	N/A	-58 dBc	
Intermodulation	0.2 V _{pl}	Filters off or antialias filter		
Distortion, Typical		-75 dBc		
				Two tones at 10.2 MHz and 11.2 MHz. Each tone is -7 dBFS.

Table 1. (Continued)

Table 1. (Continued)

Specification	Value					Comments
Signal-to-Noise		50 Ω		1 MΩ		Excludes
Ratio (SNR), Typical	Range (V _{pk-pk})	Filters Off	Antialias Filter On	Filters Off	Antialias Filter On	harmonics. 10 MHz,
	0.2	57 dB	56 dB	53 dB	55 dB	–1 dBFS input signal.
	0.4	58 dB	57 dB	55 dB	57 dB	Measured
	1	58 dB	58 dB	57 dB	57 dB	from DC to 100 MHz.
	2	58 dB	58 dB	57 dB	57 dB	100 10112.
	4	_	_	56 dB	58 dB	
Signal to Noise		50 Ω		1	MΩ	Includes
and Distortion (SINAD), Typical	Range (V _{pk-pk})	Filters Off	Antialias Filter On	Filters Off	Antialias Filter On	harmonics. 10 MHz,
	0.2	57 dB	56 dB	53 dB	55 dB	–1 dBFS input signal.
	0.4	58 dB	57 dB	55 dB	57 dB	Measured
	1	58 dB	58 dB	57 dB	57 dB	from DC to 100 MHz.
	2	58 dB	58 dB	57 dB	57 dB	100 10112.
	4			56 dB	57 dB	

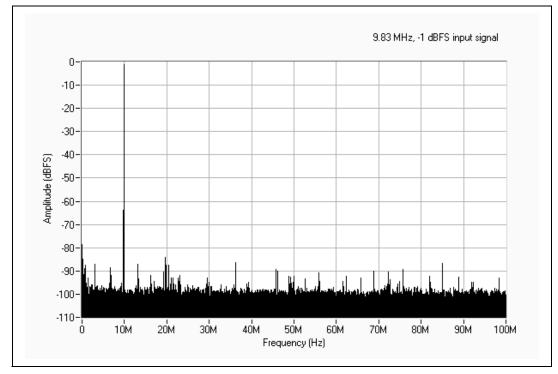


Figure 2. NI PXI-5124 Dynamic Performance, 50 $\Omega,$ 1 $V_{pk\text{-}pk}$ Range, 262144 Point FFT (Typical)

Table 1. (Continued)

Specification		Comments		
RMS Noise	Range (V _{pk-pk})	50 Ω	1 MΩ	Noise filter on. 50 Ω
	0.2	94 µV _{rms} (0.047% FS)	104 μV _{rms} (0.052% FS)	terminator connected
	0.4	188 μV _{rms} (0.047% FS)	192 μV _{rms} (0.048% FS)	to input.
	1	470 μV _{rms} (0.047% FS)	480 μV _{rms} (0.048% FS)	
	2	940 μV _{rms} (0.047% FS)	960 μV _{rms} (0.048% FS)	
	4	1.88 mV _{rms} (0.047% FS)	1.92 mV _{rms} (0.048% FS)	
	10	4.7 mV _{rms} (0.047% FS)	4.8 mV _{rms} (0.048% FS)	
	20 (1 MΩ only)	N/A	9.4 mV _{rms} (0.047% FS)	
RMS Noise	Range (V _{pk-pk})	50 Ω	1 MΩ	Antialias filter on.
	0.2	112 μV _{rms} (0.056% FS)	130 μV _{rms} (0.065% FS)	50 Ω terminator
	0.4	200 μV _{rms} (0.05% FS)	216 µV _{rms} (0.054% FS)	connected to input.
	1	500 μV _{rms} (0.05% FS)	510 μV _{rms} (0.051% FS)	
	2	1.0 mV _{rms} (0.05% FS)	1.02 mV _{rms} (0.051% FS)	
	4	2.04 mV _{rms} (0.051% FS)	2.16 mV _{rms} (0.054% FS)	
	10	5.1 mV _{rms} (0.051% FS)	5.2 mV _{rms} (0.052% FS)	
	20 (1 MΩ only)	N/A	10.2 mV _{rms} (0.051% FS)	

Table 1. (Continued)

Specification		Value			
RMS Noise	Range (V _{pk-pk})	50 Ω	1 MΩ	Filters off. 50 Ω	
	0.2	114 μV _{rms} (0.057% FS)	164 μV _{rms} (0.082% FS)	terminator connected to input.	
	0.4	204 µV _{rms} (0.051% FS)	264 µV _{rms} (0.066% FS)		
	1	510 μV _{rms} (0.051% FS)	550 μV _{rms} (0.055% FS)		
	2	1.02 mV _{rms} (0.051% FS)	1.08 mV _{rms} (0.054% FS)		
	4	2.08 mV _{rms} (0.052% FS)	2.6 mV _{rms} (0.065% FS)		
	10	5.2 mV _{rms} (0.052% FS)	5.5 mV _{rms} (0.055% FS)		
	20 (1 MΩ only)	N/A	10.6 mV _{rms} (0.053% FS)		

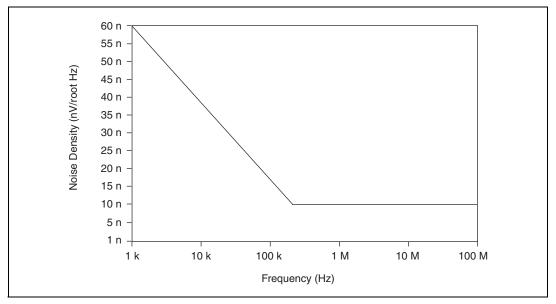


Figure 3. Representation of NI 5124 Spectral Noise Density on 0.2 V Range, Noise Filter Enabled, 1 M Ω Input Impedance

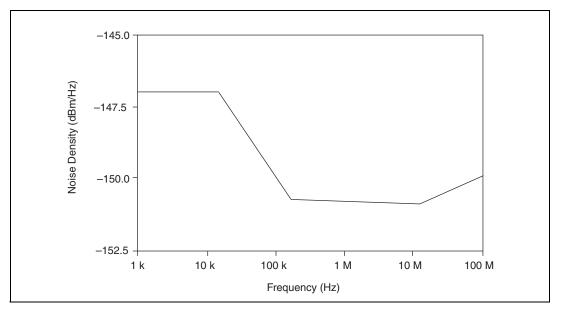


Figure 4. Representation of NI 5124 Spectral Noise Density on 0.2 V Range, Full Bandwidth, 50 Ω Input Impedance (Does Not Include System Spurs)

Horizontal

Sample Clock

Table 2.

Specification	Va	Comments	
Sources	Internal, Onboard Clock (in External, CLK IN (front pa External, PXI Star Trigger	* Internal Sample Clock is locked to the Reference Clock or derived from the onboard VCXO.	
Onboard Clock	(Internal VCXO)		
Sample Rate Range	Real-Time Sampling (Single Shot)	Random Interleaved Sampling (RIS)	* Divide by <i>n</i> decimation used
	3.052 kS/s to 200 MS/s*	400 MS/s to 4 GS/s in multiples of 200 MS/s	for all rates less than 200 MS/s. For more information about Sample Clock and decimation, refer to the <i>NI High-Speed</i> <i>Digitizers Help</i> .
Phase Noise	<-100 dBc/Hz at 100 Hz	10 MHz input signal.	
Density, Typical	<-120 dBc/Hz at 1 kHz		
	<-130 dBc/Hz at 10 kHz		
Sample Clock	≤ 1 ps rms (100 Hz to 100 Hz	xHz)	Includes the effects
Jitter, Typical	≤2 ps rms (100 Hz to 1 MF	of the converter aperture uncertainty and the clock circuitry jitter. Excludes trigger jitter.	
Timebase Frequency	200 MHz		
Timebase Accuracy	Not Phase-Locked to Reference Clock	Phase-Locked to Reference Clock	
	±25 ppm	Equal to the Reference Clock accuracy	

 Table 2.
 (Continued)

Specification	Value			Comments
Sample Clock Delay Range	±1 Sample Clock period			-
Sample Clock Delay Resolution	≤5 ps			_
External Sampl	e Clock			
External	Source	Fre	quency Range	Divide by
Sample Clock Sources	CLK IN (front panel SMB connector)	50 MHz	to 210 MHz	$= n \text{ decimation} \\ \text{available where} \\ 1 \le n \le 65,535. \\ \text{For more} $
	PXI Star Trigger (backplane connector)	50 MHz to 105 MHz		information about Sample Clock and decimation, refer to the <i>NI High-Speed</i> <i>Digitizers Help</i> .
Duty Cycle Tolerance	45% to 55%			_
Sample Clock F	Exporting			
Exported Sample Clock	Destination		Maximum Frequency	* Decimated Sample Clock only.
Destinations	CLK OUT (front panel SMB connector)	210 MHz		
	PXI_Trig <06> (backplane connector)*			
	PFI <01> (front panel 9-pin mini-circular DIN connector)*		25 MHz	
	RTSI<06>*		20 MHz	

Phase-Locked Loop (PLL) Reference Clock

Specification	Value	Comments
Sources	PXI_CLK10 (backplane connector)	
	CLK IN (front panel SMB connector)	
Frequency Range	1 MHz to 20 MHz in 1 MHz increments. Default of 10 MHz.	_
	The PLL Reference Clock frequency must be accurate to ±50 ppm.	
Duty Cycle Tolerance	45% to 55%	_
Exported	CLK OUT (front panel SMB connector)	_
Reference Clock Destinations	PFI <01> (front panel 9-pin mini-circular DIN connector)	
	PXI_Trig <06> (backplane connector)	

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CLK IN (Sample Clock and Reference Clock Input, Front Panel Connector)

Specification	Value	Comments
Input Voltage Range	Sine wave: 0.65 V_{pk-pk} to 2.8 V_{pk-pk} (0 dBm to 13 dBm) Square wave: 0.2 V_{pk-pk} to 2.8 V_{pk-pk}	_
Maximum Input Overload	7 V _{rms} with Peaks \leq 10 V	_
Impedance	50 Ω	
Coupling	AC	

Table 4.

CLK OUT (Sample Clock and Reference Clock Output, Front Panel Connector)

Table 5.

Specification	Value	Comments
Output Impedance	50 Ω	—
Logic Type	3.3 V CMOS	
Maximum Drive Current	±48 mA	_

Trigger

Reference (Stop) Trigger

Specification		Va	lue	Comments
Trigger Types		Types	Sources	Refer to the
and Sources	-	ndow, Hysteresis, igital, Immediate, vare	CH 0, CH 1, TRIG, PXI_Trig <06>, PFI <01>, PXI Star Trigger, and Software	following sections and the <i>NI High-Speed</i> <i>Digitizers</i> <i>Help</i> for more information about what sources are available for each trigger type.
Time	TDC	Onboard Clock	External Clock	TDC = Time
Resolution	On	50 ps	N/A	to Digital Conversion
	Off	5 ns	External Clock Period	Circuit.
Holdoff	TDC	Onboard Clock	External Clock	—
	On	10 µs to 85.899 s	N/A	
	Off	2 μs to 85.899 s	$200 \times (\text{External Clock})$ Period) to $(2^{32} - 1) \times (\text{External Clock})$ Period)	

Table 6.

Table 6. (Continued)

Specification	Va	lue	Comments
Analog Trigger	r (Edge, Window, and Hyster	esis Trigger Types)	
Sources	CH 0 (front panel BNC conne	ector)	_
	CH 1 (front panel BNC conne	ector)	
	TRIG (front panel BNC conne	ector)	
Trigger Level	CH 0, CH 1	TRIG (External Trigger)	_
Range	100% FS	±5 V	
Trigger Level Resolution	10 bits (1 in 1,024)		—
Edge Trigger	CH 0, CH 1	TRIG (External Trigger)	—
Sensitivity	2.5% FS up to 50 MHz, increasing to 10% FS at 150 MHz	0.25 V_{pk-pk} up to 100 MHz, increasing to 1 V_{pk-pk} at 200 MHz	
Level	CH 0, CH 1	TRIG (External Trigger)	—
Accuracy, Typical	±4.7% FS up to 10 MHz	±0.35 V up to 10 MHz	
Trigger Jitter	≤80 ps rms		Within ±5 °C of self-calibration temperature.
Trigger Filters	Low-Frequency (LF) Reject	High-Frequency (HF) Reject	—
	50 kHz	50 kHz	
Digital Trigger	(Digital Trigger Type)		
Sources	PXI_Trig <06> (backplane c	connector)	
	PFI <01> (front panel SMB connector)		
	PXI Star Trigger (backplane connector)		
Video Trigger	(Video Trigger Type)		
Sources	CH 0 (front panel BNC connector)		
	CH 1 (front panel BNC conne	ector)	
	TRIG (front panel BNC conner	ector)	

16

 Table 6.
 (Continued)

Specification	Value	Comments
Types	Specific Line	
	Any Line	
	Specific Field	
Standard	Negative sync of NTSC, PAL, or SECAM signal	_

TRIG (External Trigger, Front Panel Connector)

Table 7.

Specification	Value	Comments
Connector	BNC	
Impedance	1 M Ω in parallel with 22 pF	—
Coupling	AC, DC	
AC-Coupling Cutoff (-3 dB)	12 Hz	—
Input Voltage Range	±5 V	—
Maximum Input Overload	$ \text{Peaks} \le 42 \text{ V}$	_

PFI 0 and PFI 1 (Programmable Function Interface, AUX Front Panel Connector)

Table 8.

Specification	Value	Comments
Connector	9-pin mini-circular DIN	—
Direction	Bi-directional	—

Table 8. (Continued)

Specification	Value	Comments
As an Input (Trigge	er)	
Destinations	Start Trigger (Acquisition Arm)	_
	Reference (Stop) Trigger	
	Arm Reference	
	Advance Trigger	
Input Impedance	150 kΩ	—
V _{IH}	2.0 V	
V _{IL}	0.8 V	
Maximum Input Overload	-0.5 V to 5.5 V	_
Maximum Frequency	25 MHz	_
As an Output (Even	nt)	
Sources	Start Trigger (Acquisition Arm)	_
	Reference (Stop) Trigger	
	End of Record	
	Done (End of Acquisition)	
	Probe Compensation (1 kHz, 50% duty cycle square wave, PFI 1 only)	
Output Impedance	50 Ω	
Logic Type	3.3 V CMOS	
Maximum Drive Current	±24 mA	
Maximum Frequency	25 MHz	

Waveform Specifications

Specification	Value		Comments
Onboard Memory Size	8 MB per channel standard (4 megasamples per channel)		—
	32 MB per channel option (16 megasamples per channel)		
	256 MB per channel option (128 mega-samples per channel)		
	512 MB per channel option (256 megasamples per channel)		
Minimum Record Length	1 Sample		_
Number of Pretrigger Samples	Zero up to full Record Length		Single-record mode and multiple-record mode.
Number of Posttrigger Samples	Zero up to full Record Length		Single-record mode and multiple-record mode.
Maximum	8 MB per channel standard	32,768	—
Number of Records in	32 MB per channel option	131,072	
Onboard	256 MB per channel option	1,048,576	
Memory	512 MB per channel option	2,097,152	
Allocated Onboard Memory per Record	Record Length in samples + 100 samples. Round the sum up to the next multiple of 64 samples. 1 sample = 2 bytes		_

Table 9.

Calibration

Table	10.
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Specification	Value	Comments
Self-Calibration	Self-calibration is done on software command. The calibration corrects for gain, offset, frequency response, triggering, and timing adjustment errors for all input ranges.	_
External Calibration (Factory Calibration)	The external calibration calibrates the VCXO and the voltage reference. Appropriate constants are stored in nonvolatile memory.	
Interval for External Calibration	2 years	_
Warm-Up Time	15 minutes	

Power

Table 11.

Specification	Typical Value	Comments
+3.3 VDC	1.3 A	
+5 VDC	1.7 A	
+12 VDC	130 mA	
-12 VDC	270 mA	
Total Power	17.6 W	

Software

Specification	Value	Comments
Driver Software	NI-SCOPE 2.7 or later NI-SCOPE is an IVI-compliant driver that allows you to configure, control, and calibrate the NI 5124. NI-SCOPE provides application programming interfaces for many development environments.	_
Application Software	 NI-SCOPE provides programming interfaces, documentation, and examples for the following application development environments: LabVIEW LabWindows[™]/CVI[™] Measurement Studio Microsoft Visual C/C++ Microsoft Visual Basic 	
Interactive Soft Front Panel and Configuration	The Scope Soft Front Panel supports interactive control of the NI 5124. The Scope Soft Front Panel is included on the NI-SCOPE CD. National Instruments Measurement & Automation Explorer (MAX) also provides interactive configuration and test tools for the NI 5124. MAX is included on the NI-SCOPE CD.	_

Table 12.

Environment



Note To ensure that the NI PXI-5124 cools effectively, follow the guidelines in the *Maintain Forced Air Cooling Note to Users* included in the NI PXI-5124 kit. The NI PXI-5124 is intended for indoor use only.

Specification	Value	Comments
Operating	0 °C to +55 °C in all NI PXI chassis except the following:	_
Temperature	0 °C to +45 °C when installed in an NI PXI-1000/B or PXI-101 <i>x</i> chassis	
	Meets IEC-60068-2-1 and IEC-60068-2-2.	
Storage Temperature	-40 °C to +71 °C. Meets IEC-60068-2-1 and IEC-60068-2-2.	
Operating Relative Humidity	10% to 90%, noncondensing. Meets IEC-60068-2-56.	
Storage Relative Humidity	5% to 95%, noncondensing. Meets IEC-60068-2-56.	_
Operating Shock	30 g, half-sine, 11 ms pulse. Meets IEC-60068-2-27. Test profile developed in accordance with MIL-PRF-28800F.	
Storage Shock	50 g, half-sine, 11 ms pulse. Meets IEC-60068-2-27. Test profile developed in accordance with MIL-PRF-28800F.	
Operating Vibration	5 Hz to 500 Hz, 0.31 g _{rms} . Meets IEC-60068-2-64.	_
Storage Vibration	5 Hz to 500 Hz, 2.46 g _{rms} . Meets IEC-60068-2-64. Test profile exceeds requirements of MIL-PRF-28800F, Class B.	
Altitude	2,000 m maximum (at 25 °C ambient temperature)	_
Pollution Degree	2	_

Table 13.

Safety, Electromagnetic Compatibility, and CE Compliance

Table 14	ļ	•
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Specification	Value	Comments	
Safety	 The NI 5124 meets the requirements of the following standards of safety for electrical equipment for measurement, control, and laboratory use: IEC 61010-1, EN 61010-1 UL 61010-1 CAN/CSA-C22.2 No. 61010-1 	For UL and other safety certifications, refer to the product label or visit ni.com/ certification, search by model number or product line, and click the appropriate link in the Certification column.	
Emissions	EN 55011 Class A at 10 m FCC Part 15A above 1 GHz	_	
Immunity	EN 61326:1997 + A2:2001, Table 1	_	
EMC/EMI	CE, C-Tick, and FCC Part 15 (Class A) Compliant. For EMC compliance, operate this device with shielded cabling.		
This product meets the essential requirements of applicable European Directives, as amended for CE marking, as follows:			
Low-Voltage Directive (safety)	73/23/EEC	_	
Electromagnetic Compatibility Directive (EMC)	89/336/EEC		
Note : Refer to the Declaration of Conformity (DoC) for this product for any additional regulatory compliance information. To obtain the DoC for this product, visit ni.com/certification, search by model number or product line, and click the appropriate link in the Certification column.			

Physical

Specification	Value		Comments
Dimensions	$16 \text{ cm} \times 10 \text{ cm} \times 2 \text{ cm} (6.3 \text{ in.} \times 3.9 \text{ in.} \times 0.78 \text{ in.})$		
	Single 3U PXI Slot. CompactP	CI compatible.	
Weight	383 g (13.5 oz.)		
Front Panel Co	onnectors		
Label	Label Function Connector Type		
CH 0	Analog Input	BNC female	
CH 1	Analog Input	BNC female	
TRIG	External Trigger	BNC female	
CLK IN	Sample Clock Input and Reference Clock Input	SMB jack	
CLK OUT	Sample Clock Output and Reference Clock Output	SMB jack	
AUX I/O	PFI 0, PFI 1	9-pin mini-circular DIN	
NI PXI-5124 Fi	ront Panel Indicators		
Label	Function		For more
ACCESS	The ACCESS LED indicates the status of the PCI bus and the interface from the NI PXI-5124 to the controller.		information, refer to the <i>NI High-Speed</i>
ACTIVE	The ACTIVE LED indicates the status of the onboard acquisition hardware of the NI PXI-5124.		Digitizers Help.

Table 15.

NI Web Support

National Instruments Web support is your first stop for help in solving installation, configuration, and application problems and questions. Online problem-solving and diagnostic resources include frequently asked questions, knowledge bases, product-specific troubleshooting wizards, manuals, drivers, software updates, and more. Web support is available through the Technical Support section of ni.com.

A Declaration of Conformity (DoC) is our claim of compliance with the Council of the European Communities using the manufacturer's declaration of conformity. This system affords the user protection for electronic compatibility (EMC) and product safety. You can obtain the DoC for your product by visiting ni.com/certification. If your product supports calibration, you can obtain the calibration certificate for your product at ni.com/calibration.

Worldwide Support

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