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All products include a 10-year availability guarantee



Form: #015; Effective Date: December 01, 2019 v1.3

USA Price List: Cube and RACKtangle Products

Part Number	Description	Cable series	MTBF (hours)	DNA series	DNR & DNF series
PowerDNR RACKtangle™ and FlatRACK I/O Chassis					
DNR-12-1G	12-slot RACKtangle I/O chassis w/dual independent GigE/1000Base-T, 400 Mhz 8347 CPU; Includes mounting brackets, 180 W 24V Univ. PS		130,000		\$ 4,550.00
DNR-6-1G	6-slot Half-RACKtangle I/O chassis w/dual independent GigE/1000Base-T, 400 Mhz 8347 CPU; Includes mounting brackets, 100 W 24V Univ. PS		150,000		\$ 3,585.00
DNR-MIL	12-slot ruggedized I/O chassis w/dual independent GigE/1000Base-T, 400 Mhz 8347 CPU; all connectivity via 38999 connectors		100,000		\$ 20,865.00
DNF-4-1G-AC	4 slot, 1U, FlatRACK 1000Base-T based Gigabit Ethernet-based DAQ and Control rack, 100-240 VAC powered		130,000		\$ 3,000.00
DNF-4-1G-DC	4 slot, 1U, FlatRACK 1000Base-T based Gigabit Ethernet-based DAQ and Control rack, 9 - 36 VDC powered		130,000		\$ 2,890.00
PowerDNA Cubes					
DNA-MIL	4-slot ruggedized I/O chassis w/dual independent GigE/1000Base-T, 400 Mhz 8347 CPU; all connectivity via 38999 connectors		130,000	\$ 6,420.00	
DNA-PPC5-1G	5-layer enclosure; room for 3 I/O layers; CPU + GigE/1000Base-T NIC; PowerPC 400 Mhz CPU; 24V (100 W) power supply, and FAN option		160,000	\$ 1,495.00	
DNA-PPC8-1G	8-layer enclosure; room for 6 I/O layers; CPU + GigE/1000Base-T NIC; PowerPC 400 Mhz CPU; 24V (100 W) power supply, and FAN option		160,000	\$ 1,710.00	
DNA-PPC9-1G	9-layer enclosure; room for 7 I/O layers; CPU + GigE/1000Base-T NIC; PowerPC 400 Mhz CPU; 24V (100 W) power supply, and FAN option		160,000	\$ 2,035.00	
DNA-PPC5	5-layer enclosure; room for 3 I/O layers; CPU + 100Base-T NIC; PowerPC 400 Mhz CPU; Universal 60 W, 24 V power supply		300,000	\$ 1,065.00	
DNA-PPC5-15D	5-layer enclosure; room for 3 I/O layers; CPU + 100Base-T NIC; PowerPC 400 Mhz CPU; dSub Power Connector		300,000	\$ 1,600.00	
DNA-PPC8	8-layer enclosure; room for 6 I/O layers; CPU + 100Base-T NIC; PowerPC 400 Mhz CPU; Universal 60 W, 24 V power supply		300,000	\$ 1,390.00	
	8-layer enclosure; room for 3 I/O layers; CPU + 100Base-T NIC; PowerPC 400 Mhz CPU; dSub Power Connector		300,000	\$ 1,925.00	
DNA-PPC9	9-layer enclosure; room for 7 I/O layers; CPU + 100Base-T NIC; PowerPC 400 Mhz CPU; Universal 60 W, 24 V power supply		300,000	\$ 1,710.00	
DNA-FPPC5	5-layer enclosure; room for 3 I/O layers; CPU + Fiberoptic NIC; PowerPC 400 Mhz CPU; Universal 60 W, 24 V power supply		300,000	\$ 1,495.00	
DNA-FPPC8	8-layer enclosure; room for 6 I/O layers; CPU + Fiberoptic NIC; PowerPC 400 Mhz CPU; Universal 60 W, 24 V power supply		300,000	\$ 1,815.00	
UEINet™ Ultra-Compact I/O Modules					
UEINet	Ultra-Compact Ethernet based I/O chassis 1 I/O layers; Dual 1000Base-T NIC; Universal 60 W, 24 V power supply		160,000	\$ 1,065.00	
UEINet 1553	UEINet I/O chassis with dual redundant MIL-STD-1553 interfaces, Dual 1000Base-T NIC; Universal 60 W, 24 V power supply		160,000	\$ 6,950.00	
UEINet 429	UEINet I/O chassis with dual redundant 6TX/6RX ARINC 429 channels, Dual 1000Base-T NIC; Universal 60 W, 24 V power supply		160,000	\$ 4,275.00	
UEINet-PAC	Ultra-Compact 1 slot, GigE based Linux based Programmable Automation Controller (see UEIPAC LINUX TK for info on the SDK)		160,000	\$ 1,600.00	
UEINet-PAC-VXW	Ultra-Compact 1 slot, GigE based VxWorks based Programmable Automation Controller (see UEIPAC VXW BSP for info on the SDK)		160,000	\$ 1,600.00	
UEINet-SIM	Ultra-Compact 1 slot, GigE based Simulink target		160,000	\$ 2,135.00	
UEINet-MOD	Ultra-Compact 1 slot, GigE based Modbus TCP based control chassis		160,000	\$ 1,600.00	
UEINet-OPC-UA	Ultra-Compact 1 slot, GigE based I/O chassis with on-board OPC-UA server		160,000	\$ 1,600.00	
UEIPAC™ Programmable Automation Controllers					
UEIPAC 300	Linux based Programmable Automation Controller Cube with 3 I/O slots		300,000	\$ 1,600.00	
UEIPAC 600	Linux based Programmable Automation Controller Cube with 6 I/O slots		300,000	\$ 1,925.00	
UEIPAC 700	Linux based Programmable Automation Controller Cube with 7 I/O slots		300,000	\$ 2,245.00	
UEIPAC 300-1G	GigE Linux based Programmable Automation Controller Cube with 3 I/O slots		160,000	\$ 2,030.00	
UEIPAC 600-1G	GigE Linux based Programmable Automation Controller Cube with 6 I/O slots		160,000	\$ 2,245.00	
UEIPAC 700-1G	GigE Linux based Programmable Automation Controller Cube with 7 I/O slots		160,000	\$ 2,570.00	
UEIPAC 400F-AC	GigE Linux based Programmable Automation Controller FlatRACK with 4 I/O slots, 100-240 VAC powered		130,000		\$ 3,535.00
UEIPAC 400F-DC	GigE Linux based Programmable Automation Controller FlatRACK with 4 I/O slots, 9-36 VDC powered		130,000		\$ 3,425.00
UEIPAC 400-MIL	Military style (38999 connectors) 4 slot Programmable Automation Controller		130,000	\$ 6,955.00	
UEIPAC 600R	GigE Linux based Programmable Automation Controller RACKtangle with 6 I/O slots		150,000		\$ 4,120.00
UEIPAC 1200-MIL	Military style (38999 connectors) 12 slot Programmable Automation Controller		100,000		\$ 21,400.00
UEIPAC 1200R	GigE Linux based Programmable Automation Controller RACKtangle with 12 I/O slots		130,000		\$ 5,085.00
UEIPAC UPGD	Upgrade a standard PPC, PPC-1G or RACKtangle series PowerDNA chassis to Programmable Automation Controller with a Linux OS			\$ 645.00	\$ 645.00
UEIPAC LINUX TK	Programmers Toolkit for Linux based UEIPAC Cubes (Only one is needed per customer, regardless of number of UEIPACs deployed)			\$ 1,065.00	\$ 1,065.00
UEIPAC VXW BSP	VxWorks board support package allows any GigE based UEIPAC to run the VxWorks OS rather than Linux			\$ 1,605.00	\$ 1,605.00



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Part Number	Description	Cable series	MTBF (hours)	DNA series	DNR & DNF series
UEIPAC CPU Options (please see UEIPAC datasheet for option details)					
CPU option 00/02	Standard 8347 CPU- Supports SSD, IEEE-1588			\$ -	\$ -
CPU option 03	Supports SSD, IEEE-1588, 8347E, 128 MB FLASH			\$ 750.00	\$ 750.00
CPU option 11	SoloX / i.MX6 CPU, Supports SSD, IEEE-1588, 1 GB RAM 8 GB FLASH			\$ 430.00	\$ 430.00
CPU option 12	SoloX / i.MX6 CPU, HDMI interface Supports SSD, IEEE-1588, 1 GB RAM 8 GB FLASH			\$ 965.00	\$ 965.00
SSD option 00	No Solid State Hard Drive			\$ -	\$ -
SSD option 08	8 Gbyte Solid State Hard Drive			\$ 430.00	\$ 430.00
SSD option 16	16 Gbyte Solid State Hard Drive			\$ 645.00	\$ 645.00
SSD option 64	64 Gbyte Solid State Hard Drive			\$ 1,605.00	\$ 1,605.00
SD Card option 00	No SD Card			\$ (55.00)	\$ (55.00)
SD Card option S8	8 Gbyte SD Card			\$ -	\$ -
SD Card option 32	32 Gbyte SD Card			\$ 270.00	\$ 270.00
Software option PA	Standard UEIPAC deployment			\$ -	\$ -
Software option SM	Simulink (UEISIM) deployment option			\$ 535.00	\$ 535.00
Software option MB	Modbus (UEIModbus) deployment option			\$ -	\$ -
Software option OP	OPC-UA (UEIOPC-UA) deployment option			\$ -	\$ -
Software option ID	iDDS deployment option			\$ 535.00	\$ 535.00
UEILogger™ Data Loggers					
UEILogger 300	UEILogger with 3 I/O slots, includes 8 GB SD Card, power supply, software, Ethernet/serial cables and CD		300,000	\$ 1,600.00	
UEILogger 600	UEILogger with 6 I/O slots, includes 8 GB SD Card, power supply, software, Ethernet/serial cables and CD		300,000	\$ 1,925.00	
UEILogger UPG	Upgrade to UEILogger package for PowerPC series Cubes includes all required software/firmware, documentation and 8GB SD Card		n/a	\$ 645.00	
UEISIM™ Simulink / Real-Time Workshop Target I/O Chassis					
UEISIM 300	UEISIM Cube with 3 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, power supply, software, Ethernet/serial cables and CD		300,000	\$ 2,135.00	
UEISIM 600	UEISIM Cube with 6 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, power supply, software, Ethernet/serial cables and CD		300,000	\$ 2,460.00	
UEISIM 300-1G	UEISIM GigE Cube with 3 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, power supply, software and Ethernet/serial cables		160,000	\$ 2,565.00	
UEISIM 600-1G	UEISIM GigE Cube with 6 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, power supply, software, Ethernet/serial cables		160,000	\$ 2,780.00	
UEISIM 400F-AC	UEISIM FlatRACK with 4 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, software, Ethernet/serial cables, 100-240 VAC pwr		130,000		\$ 4,070.00
UEISIM 600R	UEISIM GigE RACKtangle w/ 6 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, power supply, software, Ethernet/serial cables		150,000		\$ 4,655.00
UEISIM 1200R	UEISIM GigE RACKtangle w/ 12 I/O slots, includes: Simulink/RTW software, Linux-based I/O cube, power supply, software, Ethernet/serial cab		130,000		\$ 5,620.00
UEIModbus™ Modbus TCP Slave Chassis					
UEIModbus 300	UEIModbus Cube with 3 I/O slots, includes: MODBUS TCP Interface, power supply, software, Ethernet/serial cables and CD		300,000	\$ 1,600.00	
UEIModbus 600	UEIModbus Cube with 6 I/O slots, includes: MODBUS TCP Interface, power supply, software, Ethernet/serial cables and CD		300,000	\$ 1,925.00	
UEIModbus 300-1G	UEIModbus GigE Cube with 3 I/O slots, includes: MODBUS TCP Interface, power supply, software, Ethernet/serial cables and CD		160,000	\$ 2,030.00	
UEIModbus 600-1G	UEIModbus GigE Cube with 6 I/O slots, includes: MODBUS TCP Interface, power supply, software, Ethernet/serial cables and CD		160,000	\$ 2,245.00	
UEIModbus 400F-AC	UEIModbus FlatRACK with 4 I/O slots, includes: MODBUS TCP Interface, software, Ethernet/serial cables and CD, 100-240 VAC pwr		130,000		\$ 3,535.00
UEIModbus 400F-DC	UEIModbus FlatRACK with 4 I/O slots, includes: MODBUS TCP Interface, software, Ethernet/serial cables and CD, 9-36 VDC pwr		130,000		\$ 3,425.00
UEIModbus 600R	UEIModbus RACKtangle with 6 I/O slots, includes: MODBUS TCP Interface, power supply, software, Ethernet/serial cables and CD		150,000		\$ 4,120.00
UEIModbus 1200R	UEIModbus RACKtangle with 12 I/O slots, includes: MODBUS TCP Interface, power supply, software, Ethernet/serial cables and CD		130,000		\$ 5,085.00
Ethercat Cubes					
DNA-ECAT-200	High performance EtherCAT Cube with 2 I/O slots. Includes universal AC power supply and Ethernet cable		300,000	\$ 895.00	
DNA-ECAT-400	High performance EtherCAT Cube with 4 I/O slots. Includes universal AC power supply and Ethernet cable		300,000	\$ 995.00	
DNA-ECAT-800	High performance EtherCAT Cube with 8 I/O slots. Includes universal AC power supply and Ethernet cable		300,000	\$ 1,195.00	



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Analog Input Boards					
DNx-AI-201-100	24 channels (24 SE/12 DI); 16-bit resolution; 100 kS/s max sampling rate; ±15V input range; gains of 1, 2, 5, 10		>600,000	\$ 860.00	\$ 1,020.00
DNx-AI-202	12 differential current inputs; 16-bit resolution; 16 kS/s max sampling rate; ±150mA, ±15mA, ±1.5mA input ranges; front-end optical isolation		>600,000	\$ 860.00	\$ 1,020.00
DNx-AI-204	24 channel 0-20/4-20±25 mA input board, 18-bit resolution, 1000 samples per second (per channel)		>500,000	\$ 1,715.00	\$ 1,875.00
DNx-AI-205	4 isolated diff inputs; Simultaneous Sampling; 18-bit resolution; 250 kS/s per channel max; ±100V max input range; FIR filtering; decimation		>600,000	\$ 1,495.00	\$ 1,660.00
DNx-AI-207	16 differential channels (+ 1 CJC channel); 18-bit resolution; 1kHz per channel max sampling rate; ±10V input range; wide range of gains		>600,000	\$ 860.00	\$ 1,020.00
DNx-AI-208	8 isolated differential channels; 18-bit resolution; 1 kS/s per channel max sampling rate; ±10V input range; full-, half- and quarter-bridge		>600,000	\$ 1,285.00	\$ 1,445.00
DNx-AI-211	4 chan isolated 24-bit ICP/IEPE board; 105 kS/s per channel, simultaneous sampling. Includes DNA-ACC-211 10-32 UNF interconnect board	37/SMB	250,000	\$ 2,140.00	\$ 2,305.00
DNx-AI-212	12 channel high performance Thermocouple input board (includes DNA-STP-212 to perform Cold-Junction Compensation)		230,000	\$ 1,235.00	\$ 1,395.00
DNx-AI-217	16 channel, simultaneously sampling 24-bit A/D board with 130 kS/s max sample rate (Pin compatible with DNx-AI-207)		275,000	\$ 1,715.00	\$ 1,875.00
DNx-AI-218	8 channel, fully isolated, simultaneously sampling 24-bit A/D board with 120 kS/s max sample rate, ±10 VDC input range		290,000	\$ 1,715.00	\$ 1,875.00
DNx-AI-222	12 channel RTD/resistance measurement input board supports 2, 3, and 4-wire RTDs.		230,000	\$ 1,285.00	\$ 1,445.00
DNx-AI-224	4 channel high speed strain gage / bridge input with 100 kS/s sampling, 18-bit converters and built-in shunt cal and bridge completion resistors		260,000	\$ 2,945.00	\$ 3,105.00
DNx-AI-225	25 diff inputs, Simultaneous sampling (1 channel can be used for CJC); 24-bit resolution; 5 S/s to 1 kS/s sampling rates; ±1.25V input range		520,000	\$ 1,715.00	\$ 1,875.00
DNx-AI-225-801	25 diff inputs, Simultaneous sampling ; 24-bit resolution; 5 S/s to 1 kS/s sampling rates; ±1.25V input range, 150 Hz lowpass filter		520,000	\$ 2,785.00	\$ 2,945.00
DNx-AI-228-300	8 channel, fully isolated, simultaneously sampling 24-bit A/D board with 120 kS/s max sample rate, ±300 VDC input range		290,000	\$ 1,930.00	\$ 2,090.00
DNx-AI-248-230	24 channel, 18-bit analog input board with -2 to 32 VDC input ranges and sample rates up to 250 Samples/second		500,000	\$ 1,715.00	\$ 1,875.00
DNx-AI-254	4 channel LVDT/RVDT interface with both input and output simulation capability		275,000	\$ 2,800.00	\$ 2,950.00
DNx-AI-255	2 channel Synchro / Resolver interface		275,000	\$ 3,500.00	\$ 3,650.00
DNx-AI-255-815	2 channel Synchro / Resolver interface - 115V Input		275,000	\$ 4,500.00	\$ 4,650.00
DNx-AI-256	2 channel high output Synchro/Resolver/RVDT/LVDT interface		275,000	\$ 4,000.00	\$ 4,150.00
DNx-DMM-261	6.5 digit Digital Multi-Meter			\$ 2,625.00	\$ 2,785.00
DNx-MUX-461	28 channel 2-wire (14 channel 4-wire) multiplexer board for the DNx-DMM-261			\$ 1,285.00	\$ 1,445.00
Analog Output Boards					
DNx-AO-308	8 channels (independent DACs); 16-bit resolution; ±10V ±5mA output; 100kHz/channel max. update rate (800kHz aggregate)		480,000	\$ 860.00	\$ 1,020.00
DNx-AO-308-020	8 channels (independent DACs); 16-bit resolution; 0-20mA current output; 100kHz/channel max. update rate (800kHz aggregate)		480,000	\$ 860.00	\$ 1,020.00
DNx-AO-308-350	8 channels (independent DACs); 16-bit resolution; ±10V ±50 mA high-current output; 100kHz/channel max. update rate (800kHz aggregate)		480,000	\$ 1,285.00	\$ 1,445.00
DNx-AO-308-352	8 channels (independent DACs); 16-bit resolution; ±13.5V ±13.5mA high-voltage output; 100kHz/channel max. update rate (800kHz aggregate)		480,000	\$ 1,285.00	\$ 1,445.00
DNx-AO-308-353	8 channels (independent DACs); 16-bit resolution; ±40V ±5mA high-voltage output; 100kHz/channel max. update rate (800kHz aggregate)		480,000	\$ 1,285.00	\$ 1,445.00
DNx-AO-308-420	8 channels (independent DACs); 16-bit resolution; 4-20mA current output; 100kHz/channel max. update rate (800kHz aggregate)		480,000	\$ 860.00	\$ 1,020.00
DNx-AO-318	Guardian series 8-channel, ±10 VDC, 16-bit D/A board with channel to channel and channel to chassis isolation		200,000	\$ 1,715.00	\$ 1,875.00
DNx-AO-318-020	Guardian series 8-channel, 0-20 mA, 16-bit D/A board with channel to channel and channel to chassis isolation		200,000	\$ 1,715.00	\$ 1,875.00
DNx-AO-332	32 channels (independent DACs); 16-bit resolution; ±10V ±10mA output; 10kHz/channel max. update rate		400,000	\$ 2,570.00	\$ 2,730.00
DNR-AO-332-828	28 channels (independent DACs); 16-bit resolution; ±10V ±10mA output; 10kHz/channel max. update rate		400,000		\$ 2,945.00
DNx-AO-333	Guardian series 32 channels (independent DACs); 16-bit resolution; ±10V ±10mA output; 10kHz/ch update rate, with analog voltage readback		400,000	\$ 2,785.00	\$ 2,945.00
DNx-AO-358-xxx	8 channel strain gauge simulated output board. Versions available for full or half/quarter in 120, 350 or 1K		300,000	\$ 4,280.00	\$ 4,445.00
DNx-AO-364	4 channel 150 kHz function generator board with programmable sine/square/triangle frequency, amplitude, offset and relative phase		290,000	\$ 2,675.00	\$ 2,840.00
DNx-AO-318-805	Guardian series 8 channel, isolated D/A board optimized for use at +5VDC		200,000	\$ 1,980.00	
DNx-AO-319-420	Guardian series 8-channel, 0-20 mA (current sinking), 16-bit D/A board with channel to channel and channel to chassis isolation		200,000	\$ 1,820.00	\$ 1,980.00
DNx-TC-378	8 channel thermocouple simulator board		200,000	\$ 1,715.00	\$ 1,875.00
DNx-RTD-388	8 channel 1000 Ohm Platinum RTD simulator board		200,000	\$ 3,210.00	\$ 3,375.00
DNx-RTD-388-100	8 channel 100 Ohm Platinum RTD simulator board		200,000	\$ 3,210.00	\$ 3,375.00



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Output Buffers					
DNA-STP-AO-250	0 to 35 VDC, 250 mA, 8 channel analog output buffer configured for direct connection to DNx-AO-308 boards	37	>100,000	\$ 1,070.00	
UEI-STP-AO-200	±10VDC, 250 mA, 8 channel analog output buffer configured for direct connection to DNx-AO-308 boards	37	>100,000	\$ 970.00	
PD-AO-AMP-115	±115 VDC, 16 channel analog output buffer configured for direct connection to DNx-AO-308 (Requires external ps or PSU-AO32G115)	37	>100,000	\$ 9,805.00	
PSU-AO32G115	115 volt power supply for use with PD-AO-AMP-115		>100,000	\$ 2,180.00	
Standard Digital I/O Boards					
DNx-DIO-401	24 digital inputs; 1kHz max. I/O throughput; 5-36V logic levels; requires external 7-36V power source (or DNA-PC-902)	37	>600,000	\$ 645.00	\$ 805.00
DNx-DIO-402	24 digital current sourcing outputs; 80 mA max current, 1kHz max. I/O throughput; requires external 7-37V power source (or DNA-PC-902)	37	>600,000	\$ 645.00	\$ 805.00
DNx-DIO-403	48 TTL-compatible DIO channels (5V TTL); 10kHz max I/O throughput; direction-configurable in groups of 8 channels	62	>600,000	\$ 645.00	\$ 805.00
DNx-DIO-404	24 channels (12 DIin, 12 DOout); current source 350 mA outputs; 100kHz max throughput; 3.3-36V logic levels; requires external 3.3-36V	37	375,000	\$ 645.00	\$ 805.00
DNx-DIO-405	24 channels (12 DIin, 12 DOout); 80 mA source opto-darlington outputs; 1kHz max throughput; 5-36V logic levels; requires external 7-36V	37	>600,000	\$ 645.00	\$ 805.00
DNx-DIO-406	24 channels (12 DIin, 12 DOout); 1 A, current sink outputs; 100kHz max throughput; 3.3-36V logic levels; requires external 3.3-36V	37	375,000	\$ 860.00	\$ 1,020.00
DNx-DIO-430	30 channel Form A (SPST) solid state relay board	62	600,000	\$ 1,125.00	\$ 1,285.00
DNx-DIO-452	12 channel FORM C (SPDT) electromechanical relay board with 2A conta-cts	37	275,000	\$ 645.00	\$ 805.00
DNx-DIO-470	10 chan FORM C (SPDT) electromechanical relay board with 5A contacts, uses DNA-CBL-37HC and DNA-STP-470 cable/STP	37HC	275,000	\$ 965.00	\$ 965.00
DNx-PL-820	MAX-10 based FPGA board	62	500,000	\$ 4,815.00	\$ 4,980.00
DNx-MUX-414	14 channel 3to1 multiplexer board	62	400,000	\$ 1,285.00	\$ 1,445.00
DNR-MUX-418	18 channel 3to1 multiplexer board DNR/DNF only	62	400,000		\$ 1,875.00
DNx-MUX-461	28 channel 2-wire (14 channel 4-wire) multiplexer board for the DNx-DMM-261	62	400,000	\$ 1,285.00	\$ 1,445.00
Guardian Series Digital I/O Boards with built-in diagnostics					
DNx-DIO-432	32 digital current sinking 600 mA outputs with Guardian series, per channel voltage and current monitoring	62	260,000	\$ 1,285.00	\$ 1,445.00
DNx-DIO-432-800	32 digital current sinking 600 mA, low leakage current outputs with Guardian series, per channel current monitoring	62	260,000	\$ 1,285.00	\$ 1,445.00
DNx-DIO-433	32 digital current sourcing 600 mA outputs with Guardian series, per channel voltage and current monitoring	62	260,000	\$ 1,285.00	\$ 1,445.00
DNx-DIO-433-800	32 digital current sourcing 600 mA, low leakage current outputs with Guardian series, per channel current monitoring	62	260,000	\$ 1,285.00	\$ 1,445.00
DNR-DIO-416-32	32 channel fail-safe solenoid drive system with Guardian series analog input voltage monitoring	62	130,000		\$ 3,425.00
DNx-DIO-448	48 digital inputs, programmable high and low levels from 0 - 28 VDC with Guardian series analog input voltage monitoring	62	550,000	\$ 1,285.00	\$ 1,445.00
DNx-DIO-462-800	2 channel FORM C (SPDT) electromechanical relay board with low leakage outputs and current monitoring	37	260,000	\$ 1,070.00	\$ 1,235.00
DNx-DIO-449	48 AC/DC digital inputs, programmable high and low levels from 0 - 140 V with time-stamped Change of State detection and full self-test	62	400,000	\$ 1,660.00	\$ 1,820.00
DNx-DIO-462	12 channel FORM C (SPDT) electromechanical relay board with 2A contacts and output readback	37	260,000	\$ 1,070.00	\$ 1,235.00
DNx-DIO-463	12 channel FORM A (SPST) solid state relay board with 48 VDC / 35 VAC 2 A contacts and with output readback	37	260,000	\$ 1,605.00	\$ 1,770.00
Serial & CAN Communications					
DNx-CAN-503	4 independent CAN ports; independent bit rate settings for every port; 1Mbit/sec max transfer rate; 24MHz base clock	37	350,000	\$ 1,065.00	\$ 1,235.00
DNx-CAR-550	Cell / GSM / GPS interface for the UEIPAC. Requires customer supplied PClexpress mini card using the USB interface	SMB	300,000	\$ 375.00	
DNx-SL-501	4 independent software-configurable ports as RS-232/485/422; RS-4xx up to 1 Mb, RS-232 up to 256 kb, includes UEI-RSS Remote Serial Server	37	350,000	\$ 700.00	\$ 860.00
DNx-SL-501-804	High speed (up to 4 Mbaud) version of the DNx-SL-501	37	350,000	\$ 1,070.00	\$ 1,235.00
DNx-SL-504	4 port HDLC/SDLC interface supports up to 4 Mb synchronous data transfers	62	350,000	\$ 1,500.00	\$ 1,660.00
DNx-SL-508	8 independent software-configurable ports as RS-232/485/422; RS-4xx up to 1 Mb, RS-232 up to 256 kb, includes UEI-RSS Remote Serial Server	62	290,000	\$ 1,285.00	\$ 1,445.00
DNx-SL-514	4 port generic SSI interface (with RS-485 signal levels)	62	350,000	\$ 1,500.00	\$ 1,660.00
DNx-CT-602-804	4 port generic synchronous interface, RS-4xx up to 4 Mb,	62	350,000	\$ 1,500.00	\$ 1,660.00



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USA Price List: Cube and RACKtangle Products

Part Number	Description	Cable series	MTBF (hours)	DNA series	DNR & DNF series
Counter / Timer / Quadrature Encoder					
DNx-CT-601	8 counter/timer, PWM board; 32-bit prescaler (per channel); quadrature encoder support; 8 counting modes; 16 interrupt sources per channel	37	350,000	\$ 745.00	\$ 910.00
DNx-CT-602	4 channel differential counter/timer, PWM board; 32-bit prescaler (per channel); 8 counting modes; 16 interrupt sources per channel	37	350,000	\$ 1,070.00	\$ 1,235.00
DNx-VR-608	8 channel variable reluctance / universal counter/speed interface	37	180,000	\$ 1,445.00	\$ 1,605.00
DNR-CT-651	4 channel precision timing interface with ICD-GPS-060, 10 volt logic levels	spcl	350,000		\$ 2,570.00
DNx-QUAD-604	4 Channel Quadrature encoder input board, A, B, Z inputs, simultaneous sampling, 8 Dout bits and 4 Din bits	37	350,000	\$ 745.00	\$ 910.00
DNx-IRIG-650	IRIG-Series I/O timing board with high accuracy on-board Xtal and on-board GPS interface, includes interface cable with BNC connectors	37	240,000	\$ 2,675.00	\$ 2,840.00
Avionics Interfaces					
DNx-429-566	High performance ARINC 429 interface with 6 TX channels and 6 RX channels	37	470,000	\$ 3,210.00	\$ 3,375.00
DNx-429-512	High performance ARINC 429 interface with 12 RX channels	37	470,000	\$ 3,210.00	\$ 3,375.00
DNx-429-516	High performance ARINC 429 interface with 16 RX channels	62	275,000	\$ 7,490.00	\$ 7,655.00
DNx-708-453	4 port (2 TX and 2 RX) ARINC-708 and ARINC-453 interface includes MIL-1553 style coaxial cable	62	275,000	\$ 5,885.00	\$ 6,050.00
DNx-1553-553	2 channel (each is fully redundant) MIL-STD-1553 interface supports BC, RT and bus monitor. Includes cable and loop-back self-test adaptor	62	275,000	\$ 5,885.00	\$ 6,050.00
DNx-AFDX-664	AFDX / ARINC-664 interface with error injection supports both Airbus and Boeing protocols	RJ-45	130,000	\$ 5,885.00	\$ 6,050.00
DNx-CSDB-509	8 port CSDB / RS-232/422/485 communications interface	62	290,000	\$ 1,605.00	\$ 1,770.00
Power Supply/Converters and Conditioners					
DNx-PC-910	Power conversion/output board with software controlled ON/OFF function: ±10V @ 1.3 A	37	150,000	\$ 535.00	\$ 700.00
DNx-PC-911	Power conversion/output board with software controlled ON/OFF function: ±15V @ 1.3 A	37	150,000	\$ 535.00	\$ 700.00
DNx-PC-912	Power conversion/output board with software controlled ON/OFF function: +24V @ 1.6 A	37	150,000	\$ 535.00	\$ 700.00
DNx-PC-913	Power conversion/output board with software controlled ON/OFF function: ±45 @ 300 mA	37	150,000	\$ 535.00	\$ 700.00
DNA-PC-922	Power conditioning module for MIL-1275 / 704 (available in DNA version only)	37		tbd	tbd
DNA-PSU-60	60 Watt spare AC power supply for Cubes			\$ 135.00	\$ 135.00
DNA-PSU-100	100 Watt spare AC power supply for Cubes/FlatRACKs			\$ 165.00	\$ 165.00
DNA-PSU-180	200 Watt spare AC power supply for Cubes/RACKTANGLE			\$ 325.00	\$ 325.00
Screw Terminal Accessory Panels					
DNA-STP-37	37-channel screw terminal panel	37	>600,000	\$ 55.00	
DNA-STP-37CJC	37-channel screw terminal panel with built in CJC sensor compatible with DNx-AI-207	37	>600,000	\$ 215.00	
DNA-STP-62	62-channel screw terminal panel	62	>600,000	\$ 110.00	
DNA-STP-3762	Universal 37/62 channel screw terminal panel	37/62	>600,000	\$ 165.00	
DNA-STP-AI-U	Universal terminal panel for the DNx-AI-207 and DNx-AI-225 analog input layers	37/62	>600,000	\$ 425.00	
DNA-STP-AI-207TC	Thermocouple input terminal panel for DNA-AI-207 with CJC sensor in isothermal bar and open TC detection	37	>600,000	\$ 370.00	
DNA-STP-AI-208	8-channel direct-connect strain gage terminal panel	37	>600,000	\$ 165.00	
DNA-STP-AI-212	Screw terminal input panel for the DNx-AI-212 Thermocouple input board	37	>600,000	\$ 165.00	
DNA-STP-403	62-channel screw terminal with jumper selectable 4.7k pull up/down resistors for use with DNx-DIO-403 and DNx-DIO-448 series	62	>600,000	\$ 190.00	
DNA-STP-37HC	High Current, 37-pin screw terminal for 5 Amp connections and the DNx-DIO-470	37HC	>600,000	\$ 110.00	
DNA-STP-508	8-port break out panel for DNx-SL-508. Breaks all 8 serial ports out to standard 9-pin D connectors and screw terminals.	62	>600,000	\$ 215.00	
DNA-STP-TC-378	Direct connect with on board CJC	37	>600,000	\$ 215.00	\$ 215.00
DNA-TADP-37	In-line debugging adaptor of 37-pin I/O boards	37		\$ 85.00	
DNA-TADP-62	In-line debugging adaptor of 62-pin I/O boards	62		\$ 165.00	
DNA-TRF-254-447	Transformer adaptor board for DNx-AI-254 series, 4.47 to 1 ratio	62		\$ 430.00	
DNA-TRF-254-122	Transformer adaptor board for DNx-AI-254 series, 1.22 to 1 ratio	62		\$ 430.00	



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Part Number	Description	Cable series	MTBF (hours)	DNA series	DNR & DNF series
Cables					
DNA-CBL-37S	37-way, 3 ft shielded round cable (Male-Female)			\$ 55.00	\$ 55.00
DNA-CBL-37S-1	37-way, 1 ft shielded round cable (Male-Female)			\$ 55.00	\$ 55.00
DNA-CBL-37S-5	37-way, 5 ft shielded round cable (Male-Female)			\$ 85.00	\$ 85.00
DNA-CBL-37S-10	37-way, 10 ft shielded round cable (Male-Female)			\$ 110.00	\$ 110.00
DNA-CBL-37S-20	37-way, 20 ft shielded round cable (Male-Female)			\$ 165.00	\$ 165.00
DNA-CBL-37	37-way, 3 ft shielded ribbon cable (Male-Female)			\$ 35.00	\$ 35.00
DNA-CBL-37RA	37-way, 3 ft shielded ribbon cable (Male-Female) with right angle Male connector (other lengths available as a special order)			\$ 190.00	\$ 190.00
DNA-CBL-37RF-10	37-way, 3 ft shielded ribbon cable (Male-Female) with right angle Female connector (other lengths available as a special order)			\$ 165.00	\$ 165.00
DNA-CBL-37HC	Special 37-way, high current (5 A) cable for use with DNx-DIO-470 series, 3 ft shielded cable (Male-Female)			\$ 270.00	\$ 270.00
DNA-CBL-37HC-6	Special 37-way, high current (5 A) cable for use with DNx-DIO-470 series, 6 ft shielded cable (Male-Female)			\$ 375.00	\$ 375.00
DNA-CBL-37HC-12	Special 37-way, high current (5 A) cable for use with DNx-DIO-470 series, 12 ft shielded cable (Male-Female)			\$ 455.00	\$ 455.00
DNA-CBL-62	62-conductor, 2.5 ft round shielded cable (Male-Male)			\$ 85.00	\$ 85.00
DNA-CBL-62-6	62-conductor, 6 ft round shielded cable (Male-Male)			\$ 110.00	\$ 110.00
DNA-CBL-62-10	62-conductor, 10 ft round shielded cable (Male-Male)			\$ 135.00	\$ 135.00
DNA-CBL-62-20	62-conductor, 20 ft round shielded cable (Male-Male)			\$ 190.00	\$ 190.00
DNA-CBL-62RA	62-conductor, 3 ft round shielded cable (Male-Male) with 1 right angle Male connector (other lengths available as a special order)			\$ 215.00	\$ 215.00
DNA-CBL-62FM-6	62-conductor, 6 ft round shielded cable with Male and Female connectors (other lengths available as a special order)			\$ 135.00	\$ 135.00
DNA-CBL-BNC	10-32 UNF Coaxial to Std Full-Size BNC cable/Adaptor (3 ft long)			\$ 110.00	\$ 110.00
DNA-CBL-COM	4-port, 1.5 ft round shielded cable			\$ 110.00	\$ 110.00
38999 Cables for DNx-MIL series chassis					
DNA-CBL-12837-5	5 ft male 128-pin 38999 to 2x DB-37F	38999		\$ 885.00	\$ 885.00
DNA-CBL-12862-5	5 ft male 128-pin 38999 to 2x DB-62M	38999		\$ 965.00	\$ 965.00
DNA-CBL-1315-03	3 ft Power supply connector cable	38999		\$ 430.00	\$ 430.00
DNA-CBL-37M-03	3 ft male 128-pin 38999 to 1x DB-37F	38999		\$ 700.00	\$ 700.00
DNA-CBL-62M-03	3 ft male 128-pin 38999 to 1x DB-62M	38999		\$ 700.00	\$ 700.00
DNA-CBL-6237M-3	3 ft male 128-pin 38999 to 1x DB-37F and 1x DB-62M	38999		\$ 885.00	\$ 885.00
DNA-CBL-LAN-06	6 ft Communications connector cable	38999		\$ 670.00	\$ 670.00
Clocked/Keyed connectors for DNx-MIL series chassis					
DNR-38999-KEY	Add clocked/keyed connectors to 38999 I/O connectors on DNR-MIL chassis (N, A, B, C, D, E from left to right)	128			\$ 3,210.00
DNA-38999-KEY	Add clocked/keyed connectors to 38999 I/O connectors on DNA-MIL chassis (N, A, from top to bottom)	128		\$ 1,070.00	
Cube and RACKtangle synchronization accessories					
DNA-CBL-SYNC-10	High-speed cube-to-cube synchronization cable for PowerPC-based PowerDNA cubes			\$ 120.00	\$ 120.00
DNA-CBL-SYNC-RJ	High-speed cube-to-DNA-STP-SYNC synchronization cable for PowerPC-based PowerDNA cubes			\$ 120.00	\$ 120.00
DNA-STP-SYNC-1G	Multiple cube sync interface board simplifies the interconnection of triggers/syncs on multiple cubes	-Sync		\$ 215.00	\$ 215.00
DNA-GPS	GPS receiver kit provides location, UTC time and 1 uS accurate triggering. Includes GPS, all required cables and software interface			\$ 530.00	\$ 530.00



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Mounting accessories, Fans and slot covers/fillers					
DNA-DR5 or -DR8	Rear-mount DIN rail clip for standard (no fan) PowerDNA 5-layer (-DR5) or 8-layer (-DR8) Cubes			\$ 110.00	
DNA-DR5U / DR8U	Rear-mount DIN rail clip for GigE Cubes or 100-base cubes with fans. 5-layer (-DR5U) or 8-layer (-DR8U) Cubes			\$ 165.00	
DNA-DR9U	Rear-mount DIN rail clip for 9-layer GigE Cubes or 100-base cubes with fans			\$ 165.00	
UEINet-DR	Rear-mount DIN rail clip for UEINet Chassis			\$ 110.00	
DNA-19RACKW	19" Rack with DIN rail allows rack mounting of up to four cubes			\$ 215.00	
DNA-FLANGE	Bottom-mount flange assembly for either 5- or 8-layer PowerDNA Cubes			\$ 110.00	
UEINet-FLANGE	Bottom-mount flange assembly for UEINet Chassis			\$ 110.00	
DNA-FAN5	Rear-mount fan for PowerDNA 5-layer Cube			\$ 110.00	
DNA-FAN8	Rear-mount fan for PowerDNA 8-layer Cube			\$ 110.00	
DNA-FAN9	Rear-mount fan for PowerDNA 9-layer Cube			\$ 110.00	
UEINET-FAN	Rear-mount fan for PowerDNA UEINet Ultra Compact Gigabit Cube			\$ 110.00	
DNA-SPACER	Spacer board inserts an empty slot between boards in a Cube systems			\$ 110.00	
DNR-IO-FILLER	Blank DNR RACK I/O slot cover seals unused slots				\$ 40.00
Software and SD Cards					
DNA-QNX	QNX compatible driver software for PC hosted DNA/DNR systems			\$ 425.00	\$ 425.00
DNA-VXWORKS	VXWORKS compatible driver software for PC hosted DNA/DNR systems			\$ 535.00	\$ 535.00
UEI-RSS	Remote Serial Server (RSS) server for PPC and GigE Cubes/RACKs and DNX-SL-501 and DNX-SL-508 boards (Windows and Linux are supported)				
Spare / Replacement modules for RACKtangle chassis					
DNR-CPU-1000	Replacement CPU/NIC module for GigE based RACKtangle chassis		175,000		\$ 2,890.00
DNR-BUFFER	Replacement Buffer module for RACKtangle chassis		300,000		\$ 750.00
DNR-POWER-DC	Replacement power supply module for RACKtangle chassis		600,000		\$ 1,020.00
Conformal Coating and conductive Cube coatings (MIL chassis pricing includes conformal coating of all PCBs and conductive Cube coatings)					
DNX-CC	Conformal coating, any I/O board, minimum order \$1000 including all items to be coated	n/a		\$ 215.00	\$ 215.00
DNX-CC-Cube	Conformal coating, any Cube chassis, minimum order \$1000 including all items to be coated†	n/a		\$ 430.00	
DNX-CC-DNR-6	Conformal coating, DNR-6-1G, minimum order \$1000 including all items to be coated†	n/a			\$ 750.00
DNA-CONDUCTIVE	MIL-DTL-5541, Type II, Class 3 coating. Price includes DNA-FLANGE if applicable. Qty 5 price shown. Price as low as \$125 at 50+	-	-	\$ 2,945.00	
Preconfigured COTS OEM systems					
UEI-CAMS	LCAC CAMS I/O control system				\$ 44,940.00
UEI-L3-EOPT	Preconfigured EOPT Cube	n/a		\$ 8,345.00	
Calibration					
CAL-SERVICE	Single board calibration service	n/a		\$ 250.00	\$ 250.00
CAL-SER-17025	Single board ISO-17025 certified calibration service (not available on all boards)	n/a		\$ 400.00	\$ 400.00