



**Annapolis Hardware Board Support and OS Driver Updates
October 27, 2006**

Part Number	Release	Board & RLC Rev	Brd Rev Level	Release Date	Price
FPGA Based Processor Boards Board Support Update Packages					
WS4/BSU	Overall WILDSTAR 4 Release for WINDOWS CD Version 1.3	WILDSTAR 4 for PCI - B00	ws4_revlev.pdf		\$1,000
WS2Pro/BSU	Overall WILDSTAR II Pro Release for WINDOWS CD Version 5.44	WILDSTAR II Pro for PCI - B02, C01, D01, E00 WILDSTAR II Pro for VME - A00, B00 WILDSTAR II Pro ACE for VME - C00	wsiiipro_revlev.pdf		\$1,000
WS2/BSU	Overall WILDSTAR II Release for WINDOWS CD Version 5.44	WILDSTAR II for PCI - B03, C03, D05 WILDSTAR II for VME - A03, B03, C07	wsii_revlev.pdf		\$1,000
WS/BSU	Overall WILDSTAR Release for WINDOWS CD Version 5.0.10	WILDSTAR for PCI - No RLCs WILDSTAR E for VME - A03, B01			\$1,000
FB/BSU	Overall FIREBIRD PCI Release for WINDOWS CD Version 5.0.10	FIREBIRD for PCI - D03	fb_revlev.pdf		\$1,000
FBPMC/BSU	Overall FIREBIRD PMC Release for WINDOWS CD Version 5.0.0	FIREBIRD for PMC GLink - No RLC FIREBIRD for PMC WSDP - A01, B01	fbpmc_revlev.pdf		\$1,000
WC4/BSU	Overall WILDCARD 4 Release for WINDOWS CD Version 3.0	WILDCARD 4 for CardBus - A00, B00	wc4_revlev.pdf		\$500
WC2/BSU	Overall WILDCARD II Release for WINDOWS CD Version 3.0	WILDCARD II for CardBus - B00	wcii_revlev.pdf		\$500
WCE/BSU	Overall WILDCARD E Release for WINDOWS CD Version 2.0.6	WILDCARD E for CardBus - Rev D (no RLC)			\$500
WF1/BSU	Overall WILD-ONE Release for WINDOWS CD Version 3.3.1	WILD-ONE for PCI			\$500



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Analog to Digital and Digital to Analog Board Support Update Packages					
WS/IOADC3G/BSU	Overall Dual 1.5 GHz Pro A/D Release CD Version 1.0.8	WS Dual 1.5 GHz Pro A/D - A03, B02		May 06	\$500
WS/IOADC1GP/BSU	Overall 1.5 GHz Pro A/D Release CD Version 1.0.8	WS 1.5 GHz Pro A/D - B04, C02, D00		Aug 05	\$500
WS/IOADC1G/BSU	Overall 1.5 GHz A/D Release CD Version 6.1.4	WS 1.5 GHz A/D - E01, F03,G00		Aug 06	\$500
WS/IOADCQ105/BSU	Overall Quad 105 MHz A/D Release CD Version 1.0.4	WS Quad 105 MHz A/D - A03		Aug 05	\$500
WS/IOADC105/BSU	Overall 105 MHz A/D & D/A Release CD Version 5.2.0	WS 105 MHz A/D - B02		Sep 02	\$500
WS2/IODACD1.5G/BSU	Overall Dual 1.5 GSps DAC Release CD Version 1.6.0	WS2P Dual 1.5 GSps DAC A/D - B02		Sep 06	\$500
WS/CSync/BSU	Overall WS Clock Synch Distribution Board Release CD Version 1.4	WS Clock Synch Distribution Brd D03			\$500
High Speed Communications Board Support Update Packages					
WS2P/IOUNI3/BSU	Overall Universal 3 Gbit Release CD Version 1.2.0	Universal 3 Gbit - B00		Apr 06	\$500
WS/IOET1G/BSU	Overall Quad Gbit Ethernet Release CD Version 1.2.2	Quad Gbit Ethernet - A02	qge_revlev.pdf	Aug 03	\$500
WS/IOFC2G/BSU	Overall Quad Fibre Channel 2 Release CD Version 1.0	Quad Fibre Channel 2 - C05, D04		Jul 04	\$500
WS/IOWSDP/BSU	Overall WILDSTAR Data Port (WSDP) Release CD Version 6.1.0	WILDSTAR Data Port (WSDP) - A02, B02		May 04	\$500
WS/IOFOGS/BSU	Overall Fiber Optic GLink Release CD Version 5.2.0	Fiber Optic GLinks - A01		Jul 04	\$500
WS/IOFPDPE/BSU	Overall FPDPE Release CD Version 7.0.2	FPDPE - A01, B01, C00		Jun 06	\$500
WS/IOECL/BSU	Overall ECL/PECL Release CD Version 6.4.0	ECL/PECL - B00		Feb 05	\$500



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WS/IOLVDS/BSU	Overall LVDS Release CD Version 1.2.0	LDVS - Rev A (No RLC), B01		Feb 05	\$500
Non Standard Operating System Board Support Update Packages					
WF1/PC/Lynx/BSU		Lynx OS for WILD-ONE			\$5,000
WS2/LinuxRH/X86/BSU	Overall Linux RH X86 BSU Release CD Version 5.43	Red Hat Linux for PC Host for WILDSTAR II and Pro PCI			\$1,000
WS2/Linux/64BAItix/BSU	Overall Linux 64 Bit Altix Release CD Version 5.38	Red Hat Linux 64 Bit Altix for WILDSTAR II and Pro PCI			\$1,000
WS2/Linux/PPCSky/BSU	Overall Linux PPC Sky Release CD Version 5.26	Red Hat Linux for PPC for Sky for WILDSTAR II and Pro and ACE VME			\$1,000
WS2/Solaris/BSU	Overall Solaris Release CD Version 5.28	Solaris for Sun for WILDSTAR II and Pro PCI			\$1,500
WS2/Solaris/Opteron/BSU	Overall Solaris Opteron Release CD Version 5.34	Solaris for Sun Opteron for WILDSTAR II and Pro PCI			\$1,500
WS2/Solaris/Force/BSU	Overall Solaris Force Release CD Version 5.11.2	Solaris for Sun Opteron for WILDSTAR II and Pro PCI			\$1,500
WS2/IRIX/BSU	Overall IRIX Release CD Version 5.19	IRIX for SGI for WILDSTAR II and Pro PCI			\$2,500
WS2/VxWorks/BSU	Overall VwWorks Release CD Version 5.41	VxWorks for WILDSTAR II and Pro and ACE for VME			\$5,000
WC/CardBus/Linux/BSU	Overall Linux Cardbus E Release CD Version 2.5	Linux for WILDCARD E			\$100
WC2/CardBus/Linux/SBU	Overall Linux CardBus II Release CD Version 1.7.2	Linux for WILDCARD II			\$100
FB/QNX/BSU	Overall FIREBIRD PCI Release for QNX CD Version 5.0.0	QNX for FIREBIRD for PCI			\$2,000
FB/DEC/BSU	Overall FIREBIRD PCI Release for Digital UNIX CD Version 5.0.0	Digital UNIX for FIREBIRD for DEC ALPHA PCI			\$3,000
FB/Linux/BSU	Overall FIREBIRD PCI Release for Linux CD Version 5.0.8	Linux for FIREBIRD for PCI			\$1,000



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FB/Solaris/BSU	Overall FIREBIRD PCI Release for Solaris CD Version 5.6	Solaris for FIREBIRD for Sun ULTRA PCI			\$1,500
FB/HPTru64Unix/BSU	Overall FIREBIRD PCI Release for HP Tru64 UNIX CD Version 5.7	Linux for FIREBIRD for Compaq or DEC ALPHA PCI			\$3,000
FBPMC/QNX/BSU	Overall FIREBIRD PMC Release for QNX CD Version 5.0.0	QNX for FIREBIRD for PMC			\$2,000
FBPMC/DEC/BSU	Overall FIREBIRD PMC Release for Digital UNIX CD Version 5.0.0	Digital UNIX for FIREBIRD for DEC ALPHA			\$3,000
FBPMC/Linux/BSU	Overall FIREBIRD PMC Release for Linux CD Version 5.0.0	Linux for FIREBIRD for PMC			\$1,000
FBPMC/Solaris/BSU	Overall FIREBIRD PMC Release for Solaris CD Version 5.0.0	Solaris for FIREBIRD for Sun ULTRA PMC			\$1,500
FBPMC/LinuxSynergy/BSU	Overall FIREBIRD PMC Release for Linux CD Version 5.0.8	Linux for FIREBIRD for Synergy PMC			\$1,000

WILDSTAR™ ₄ Updated 10/23/06		WILDSTAR™ ₄ Overall Release										WILDSTAR™ ₄ Host Software										VHDL Releases				Documentation					
Operating System	Overall WILDSTAR™ ₄ Release	Versions										Bus Type	Host Type	Host Software CD	WFT CD	Developmental SW Release	API	Driver	PCI	PCI PLD	Arb PLD	PCB Revs Supported	CD	VHDL	Examples	PCB Revs Supported	CD	Hardware Manual	Software Manual	WFT Manual	Release Notes
	Windows® for PCI-X	1.3	2000, XP	PCI	Intel x86	1.3	N/A	--	1.3	1.1	2.0	1.8	--	A, B	N/A	N/A	N/A	N/A	1.2	1.2	1.3	N/A	1.3								

WILDSTAR™-II PRO Overall Release				WILDSTAR™-II PRO Host Software												VHDL PRO Releases				Documentation				
Operating System	Overall WILDSTAR™ II PRO Release	Versions	Bus Type	Host Type	Host Software CD	WFT CD	Developmental SW Release	API	Driver	PCI	PCI-X (for PCI)	PCI-X (for VME)	PCI PLD	Arb PLD	PCB Revs Supported	CD	VHDL	Examples	PCB Revs Supported	CD	Hardware Manual	Software Manual	WFT Manual	Release Notes
Windows® for PCI	5.44	NT 4.0, 2000, XP	PCI	.x86	5.44	1.15.0	--	5.44	3.1	1.8	1.9	--	2.1	--	PRO PCI (B, C, D, E)									5.44
Windows® for VME	5.44	NT 4.0, 2000, XP	VME	VMIC, B13, SBS	5.44	1.15.0	--	5.44	--	1.8	--	1.11	2.1	1.0	PRO VME (A, B), PRO ACE VME (A, B, C)									5.44
Linux x86 (64 bit)	5.43	Red Hat® Enterprise Linux® v3 and Red Hat® Enterprise Linux® v4	PCI	.x86	5.43	1.10.0	--	5.43	2.7.2	1.8	1.9	--	2.1	--	PRO PCI (B, C, D, E)	PRO PCI (1.1.8), PRO VME (1.1.6)	PRO PCI (1.1.8), PRO VME (1.1.6)	PRO PCI (1.1.8), PRO VME (1.1.6)	PRO PCI (B, C, D, E), PRO VME (A, B)					5.43
Linux ia64	5.38	SGI® ProPack™ 64-Bit Linux (Kernel 2.4.21-sgl)	PCI	SGI Altix®	5.38	1.9.0	--	5.38	2.4.6	1.7	1.8	--	2.1	--	PRO PCI (B, C, D, E)	PRO PCI (1.1.8), PRO VME (1.1.6)	PRO PCI (1.1.8), PRO VME (1.1.6)	PRO PCI (1.1.8), PRO VME (1.1.6)	PRO PCI (A, B), PRO ACE VME (A, B, C)	102		82	7.0	5.38
Inx®	5.19	6.5	PCI	SGI	5.19	--	--	5.19	2.42	1.7	1.8	--	2.1	--	PRO PCI (B, C, D, E)	PRO ACE VME (1.0.8)	PRO ACE VME (1.1.0)	PRO ACE VME (1.1.0)	PRO ACE VME (A, B, C)					5.19
VxWorks® on PPC	5.41	5.5.1 (WIND: Version 2.6)	VME	Motorola	5.41	1.17	--	5.41	--	--	--	1.10	2.1	1.0	PRO VME (A, B), PRO ACE VME (A, B, C)									5.41
Solaris™ Ultra (PCI)	5.28	8	PCI	Sun	5.28	1.12	--	5.28	3.4	1.7	1.8	--	2.1	--	PRO PCI (B, C, D, E)									5.28
Solaris™ Option	5.34	10	PCI	Sun Option	5.34	1.16	--	5.34	3.5.1	1.7	1.8	--	2.1	--	PRO PCI (B, C, D, E)									5.34

WILDSTAR™-II Overall Release				WILDSTAR™-II Host Software										VHDL Releases				Documentation			
Operating System	Overall WILDSTAR™ II Release	Versions	Bus Type	Host Type	Host Software CD	Developmental SW Release	API	Driver	PCI	PCI PLD	PEX PLD	Arb PLD (for VME)	PCB Revs Supported	CD	VHDL	Examples	PCB Revs Supported	CD	Hardware Manual	Software Manual	Release Notes
Windows® for PCI	5.44	NT 4.0, 2000, XP	PCI	.x86	5.44	--	5.44	3.1	2.14	1.8	1.7	--	PCI (A,B,C,D)								5.44
Windows® for VME	5.44	NT 4.0, 2000, XP	VME	VMIC, Bti3, SBS	5.44	--	5.44	--	2.14	1.8	1.7	2.0	VME (A, B, C)								5.44
Linux™ x86 (64 bit)	5.43	Red Hat® Enterprise Linux® V3 and Red Hat® Enterprise Linux® V4	PCI	.x86	5.43	--	5.43	2.7.2	2.14	1.8	1.7	--	PCI (A,B,C,D)								5.43
Linux™ ia64	5.38	SGI® ProPack™ 64-Bit Linux (kernel 2.4.21-sgi)	PCI	SGI Altix®	5.38	--	5.38	2.4.6	2.14	1.8	1.7	--	PCI (A,B,C,D)								5.38
Itix®	5.19	6.5	PCI	SGI	5.19	--	5.19	2.4.2	2.14	1.8	1.7	--	PCI (A,B,C,D)	PCI (4.0,2) VME (4.0,2)	PCI (4.0,2) VME (4.0,2)	PCI (4.0,2) VME (4.0,2)	PCI (A,B,C,D) VME (A,B,C)	10.2	8.2	7.0	5.19
VxWorks® on PPC	5.41	5.5.1 (WIND: Version 2.6)	VME	Motorola	5.41	--	5.41	--	2.14	1.8	1.7	2.0	VME (A,B,C)								5.41
Solaris™ Ultra (PCI)	5.28	8	PCI	Sun	5.28	--	5.28	3.4	2.14	1.8	1.7	--	PCI (A,B,C,D)								5.28
Solaris™ Opteron	5.34	10	PCI	Sun Opteron	5.34	--	5.34	3.5.1	2.14	1.8	1.7	--	PCI (A,B,C,D)								5.34
Solaris™ FORCE	5.11.2	sparcv9	VME	Sun	5.11	--	5.11	--	2.14	1.8	1.7	2.0	VME (A,B,C)								5.11

**Updated
7/08/04**

FIREBIRD™ Overall Release				FIREBIRD™ Host Software										PCI VHDL			Documentation		
Operating System	Overall FIREBIRD™ Release	Versions	Bus Type	Host Type	Host Software CD	API	PCI	PCI PLD	PEX PLD	PCB Revs Supported	VHDL	Examples	PCB Revs Supported	CD	Hardware Manual	Software Manual	Release Notes		
Windows® for PCI	5.0.10	Windows® NT 4.0, 2000	PCI	.x86	5.0.0-P_NT, 5.0.0-P_W2K	5.0.10	2.10	1.7	--	PCI (A, B, C, D)	3.1	3.1	PCI (A, B, C, D)				5.0.10		
QNX® for PCI	5.0.0	QNX® Version 4.2.5	PCI	.x86	5.0.0-P_QNX	5.0	2.10	1.7	--	PCI (A, B, C, D)	3.1	3.1	PCI (A, B, C, D)				5.0.0		
DEC for PCI	5.0.0	Digital UNIX™ Versions 4.x and 5.x	PCI	DEC Alpha™	5.0.0-P_DEC	5.0	2.10	1.7	--	PCI (A, B, C, D)	3.1	3.1	PCI (A, B, C, D)				5.0.0		
Linux™ for PCI	5.0.8	Linux® Kernels 2.2.14, 5.0, 2.2.19-6, 2.16, 2.4.2-2, 2.4.7-10, and 2.4.9-31	PCI	.x86	5.0.8-P_L	5.0.8	2.10	1.7	--	PCI (A, B, C, D)	5.2.0	5.2.0	PCI (A, B, C, D)	6.2	3.0	2.4	5.0.8		
Solaris™ for PC	5.6	Sun Solaris	PCI	Sun Ultra	5.6	5.6	2.10	1.7	--	PCI (A, B, C, D)	5.2.0	5.2.0	PCI (A, B, C, D)				5.6		
hpTru64 UNIX®	5.7	hp Tru64 UNIX® Versions 5.1, 5.1A and 5.1B	PCI	Compaq or DEC Alpha	5.7	5.7	2.10	1.7	--	PCI (A, B, C, D)	5.2.0	5.2.0	PCI (A, B, C, D)				5.7		

**Updated
7/08/04**

FIREBIRD™ PMC Overall Release				FIREBIRD™ PMC Host Software					PMC VHDL			Documentation					
Operating System	Overall FIREBIRD™ Release	Versions	Bus Type	Host Type	Host Software CD	API	PCI	PCI PLD	PEX PLD	PCB Revs Supported	VHDL	Examples	PCB Revs Supported	CD	Hardware Manual	Software Manual	Release Notes
Windows® for PMC	5.0.0	Windows® NT 4.0, 2000	PMC	.x86 .x86 on BH3 .x86 on VMIC	5.0.0-M_NT 5.0.0-M_NT_BIT3 5.0.0-M_NT_VMIC	5.0	2:10	1.7	2.4	PMC GLINK (A, B) PMC WSDP (A, B)	3.1	3.1	PMC GLINK (A, B) PMC WSDP (A, B)				5.0.0
QNX® for PMC	5.0.0	QNX® Version 4.2.5	PMC	.x86 .x86 on VMIC	5.0.0-M_QNX 5.0.0-M_QNX_VMIC	5.0	2:10	1.7	2.4	PMC GLINK (A, B) PMC WSDP (A, B)	3.1	3.1	PMC GLINK (A, B) PMC WSDP (A, B)				5.0.0
DEC for PMC	5.0.0	Digital UNIX™ Versions 4.x and 5.x	PMC	DEC Alpha™	5.0.0-M_DEC	5.0	2:10	1.7	2.4	PMC GLINK (A, B) PMC WSDP (A, B)	3.1	3.1	PMC GLINK (A, B) PMC WSDP (A, B)	6.2	3.0	2.4	5.0.0
Linux™ for PMC	5.0.0	Linux® Kernel Version 2.2.14	PMC	.x86	5.0.0-M_L	5.0	2:10	1.7	2.4	PMC GLINK (A, B) PMC WSDP (A, B)	3.1	3.1	PMC GLINK (A, B) PMC WSDP (A, B)				5.0.0
Solaris™ for PMC	5.0.0	Sun Solaris™ Versions 7 and 8	PMC	Sun Ultra®	5.0.0-M_S	5.0	2:10	1.7	2.4	PMC GLINK (A, B) PMC WSDP (A, B)	3.1	3.1	PMC GLINK (A, B) PMC WSDP (A, B)				5.0.0
Linux™ for PMC on Synergy®	5.0.8	Linux® Kernel Version 2.2.12	PMC	Synergy®	5.0.8-M_SYNERGY_PPC	5.0.8	2:10	1.7	2.4	PMC GLINK (A, B) PMC WSDP (A, B)	5.2.0	5.2.0	PMC GLINK (A, B) PMC WSDP (A, B)				5.0.8

Updated 10/12/06

WILLDCARD™-II Overall Release				WILLDCARD™-II Host Software					VHDL		Documentation				
Overall Release	WILLDCARD™ 4	Operating System	Versions	Bus Type	Host Type	Host Software CD	API	CardBus Controller	Device Driver	PCB Revs Supported	VHDL	Examples	Document CD	Reference Manual (one for all operating systems)	Release Notes
3.0		Windows®	2000, XP	CardBus	x86	3.0	3.0	1.0	4.0	A, B	1.0.6	1.0.6	2.4	3.6	3.0

Updated 10/12/06

WILDCARD™-II Overall Release				WILDCARD™-II Host Software					VHDL		Documentation			
Overall Release	Operating System	Versions	Bus Type	Host Type	Host Software CD	API	CardBus Controller	Device Driver	PCB Revs Supported	VHDL	Examples	Document CD	Reference Manual (one for all operating systems)	Release Notes
2.5	Linux™	Red Hat® Linux Version 9.0	CardBus	x86	2.5	2.5	1.6	2.0	A, B	2.6.2	2.6.2	2.4	3.6	2.5
3.0	Windows®	2000, XP	CardBus	x86	3.0	3.0	1.0	4.0	A, B	2.6.2	2.6.2	2.4	3.6	3.0

Updated 7/15/04						Documentation		
Gigabit Ethernet I/O Release	Supporting Motherboards	VHDL				Documentation		
		CD	Examples	Card Revision Support	Operating System Support			
1.2.2	WILDSTAR™-II / PCI WILDSTAR™-II PRO / PCI WILDSTAR™-E / VME WILDSTAR™-II / VME WILDSTAR™-II PRO / VME FIREBIRD™/PCI	1.2.2	1.2.2	A	Windows NT® on .x86, VMIC, Bit3, Windows® 2000® on .x86	1.0	1.2	1.2.2