

ETAT TECHNIQUE BLADE

FIRMWARE VPD

Rev 94-0

Module	MI	Firmware Type	BUILD ID	Delivery date	Revision
novascale 2020	CPSN202-0001	B.I.O.S.	BSEO26AUS	09/10/2006	1.12
		Diagnostic	BSOT16AUS	09/21/2004	1.04
		Blade sys. mgmt. proc.	BR8T39A	n/a	39
		Broadcom NIC	5704s		3.38 with IPMI-PT code level 2.45
novascale 2021	CPSN202-0021	B.I.O.S.	BWEO28AUS	05/11/2007	1.10
		Diagnostics	BWOT15AUS	12/01/2005	1.08
		Blade sys. mgmt. proc.	BWBT34A	n/a	1.30
		Broadcom NIC	5704s		3.38 with IPMI-PT code level 2.45
novascale 2040	CPSN204-0000	B.I.O.S.	SBX44P06	04/10/2006	0006
		Diagnostic	SBO113AUS	03/08/2004	1.00
		Blade sys.mgmt proc	BRMK32A	n/a	32
novascale 2320	CPSN202-2320	B.I.O.S.	FEE010AUS	09/07/2006	1.01
		Diagnostic	FEOT08AUS	03/02/2006	1.00
		Blade sys.mgmt proc	FEBT08A	n/a	1.02
		Broadcom NIC 5704s			3.38 with IPMI-PT code level 2.45
		SAS controller LSI 1064			6.08.00.00
novascale B260 – B280 (Ref Hardware VPD SBXD132 – Intel))	CPSN202-B260 CPSN202-B280	B.I.O.S.	BCEO21AUS	04/05/2007	1.06
		Diagnostic	BCOT21AUS	02/23/2007	1.03
		Blade sys.mgmt proc	BCBT36A	n/a	1.10
		Broadcom NIC 5708s			2.1.1b
		LSI Logic SAS 1064E-IR			6.22.00.00 (BIOS) 1.18.86 (Firmware)
Memory Expansion Module	BEUNSB0-000X	Broadcom NIC 5714s			2.1.1b
Storage Expansion Module	SEUNSB0-300X	Adaptec AIC-9580W			V5.2-0 (Build 15421)
novascale B260 – B280 (Ref Hardware VPD 8853PLC – IBM(WIST))	CPSN260-EXXX CPSN260-LXXX CPSN280-EXXX	B.I.O.S.	BCEG49AUS	06/11/2012	1.22
		Diagnostic	BCYT30AUS	05/18/2009	1.08
		Blade sys.mgmt proc	BCBT63A	n/a	1.23
		Broadcom NIC 5708s			2.3.1f
		LSI Logic SAS 1064E-IR			6.30.01 (BIOS) 1.18.86 (Firmware)
Memory Expansion Module	BEUNSB0-000X	Broadcom NIC 5714s			2.3.1f

Storage Expansion Module	SEUNSB0-300X	Adaptec AIC-9580W			V5.2-0 (Build 15421)
novascale B260+	CPSN26P-EXXX CPSN26P-L5420	B.I.O.S.	MJEG41AUS	06/08/2012	1.19
		Diagnostic	MJYT20AUS	06/01/2009	1.05
		Blade sys.mgmt proc	MJBT34A	n/a	1.34
		Broadcom NIC 5708s			2.3.1f
		LSI Logic SAS 1064E-IR			6.26.84 (BIOS) 1.30.10 (Firmware)
novascale B240	CPSN240-E3113 CPSN240-X3323 CPSN240-X3363	B.I.O.S.	N1EG50AUS	11/04/2010	1.11
		Diagnostic	DSYTA1N	06/16/2012	9.21
		Blade sys.mgmt proc	N1BT16A	n/a	1.05
		Broadcom NIC 5714s			2.3.1f
		LSI Logic SAS 1064E-IR			6.26.84 (BIOS) 1.30.10 (Firmware)
novascale BL265/BL265LV	CPSN265-E55xx CPSN265-X55xx CPSN265-L55xx CPSN265-0000	UEFI	P9EG62A	05/09/2014	1.23
		Diagnostic	DSY1C5F	05/12/2014	9.53
		IMM	L5I2G6B	05/29/2014	1.43
		Broadcom NIC 5709s			2.3.1f
		LSI Logic SAS 1064E-IR			6.30.02 (BIOS) 1.30.10 (Firmware) 3.12.00.07 (uEFI)
novascale BL265+	CPSN265P-0000	UEFI	P9EG62A	05/09/2014	1.23
		Diagnostic	DSY1C5F	05/12/2014	9.53
		IMM	L5I2G6B	05/29/2014	1.43
		Broadcom NIC 5709s			2.3.1f
		LSI Logic SAS 1064E-IR			6.30.02 (BIOS) 1.30.10 (Firmware) 3.12.00.07 (uEFI)
novascale BL465	CPSN465-0000 CPSN465-1000 CPSN465-002S BEUNSB1-004S	UEFI	HIEG83AUS	05/03/2014	1.83
		Diagnostic	DSY1C5F	05/12/2014	9.53
		IMM	L5I2G6B	05/29/2014	1.43
		FPGA	HIUD31J	10/02/2013	2.05
		Broadcom NIC 5709s			2.3.1f
		SSD Expansion Card (CIOh)			6.30.02 (BIOS) 1.30.10 (Firmware) 3.12.00.07 (uEFI)
novascale BL275+	CPSN275P-0000	UEFI	TKEG40YUS	05/14/2014	1.60
		Diagnostic	DSY1D8G	06/10/2014	9.54
		IMM	1AOE58K	07/08/2014	4.15
		Emulex VFA II (BE3) LOM			4.6.281.26
		LSI 2004 SAS			7.35.01.00 (BIOS) 18.00.00 (Firmware) 7.25.04.01 (uEFI)
novascale BL275	CPSN275-0000	UEFI	AHEG40YUS	06/10/2014	1.50

		Diagnostic	DSY1D8G	06/10/2014	9.54
		IMM	1AOE58K	06/03/2014	4.15
		Broadcom NIC 5718			2.3.1f
		ServerRAID H1135			7.35.01.00 (BIOS)
					18.00.00 (Firmware)
					7.25.04.01 (uEFI)
Escala EL460 ⁽¹⁾	CPSG070-0000	FW/BIOS	EA350_159	06/17/2013	1414
		Blade sys.mgmt proc	BOBT001		3.50
Escala EL260 ⁽¹⁾	CPSG093-0000	FW/BIOS	EA350_159	06/17/2013	1414
		Blade sys.mgmt proc	BOBT001		3.50
Escala BL460 ⁽¹⁾	CPSG076-0000	FW/BIOS	EA350_159	06/17/2013	1414
		Blade sys.mgmt proc	BOBT001		3.50
Escala BL1-700 ⁽¹⁾	CPSG087-0000	FW/BIOS	AA730_142	06/17/2014	1491
		Blade sys.mgmt proc	BOBT001		7.30
Escala BL2-700 ⁽¹⁾	CPSG088-0000	FW/BIOS	AA730_142	06/17/2014	1491
		Blade sys.mgmt proc	BOBT001		7.30
Ethernet SM SBCEGBESW		Main Application 1	BRESMR4G	09/21/2006	97
Intel Ethernet SM IXM5414E		Boot ROM	BRISM02	07/02/2004	3.05
		Main Application 1	BRISM59	10/15/2006	1.00
		Main Application 2	IXM54_MCU	09/12/2006	2.13
NSB CISCO Ethernet Switch	CESNSB5-0000	Boot ROM	BRCSMB12.1	11/03/2010	22EA
		Main Application 1	E112.1.22E	11/03/2010	A14
CISCO Ethernet Switch L2/L3 (Catalyst 3012)	CESNSB9-0000 CESNSB9-0001	Main Application 1	15.0.2	04/16/2014	SE6
CISCO Nexus 4001i Ethernet Switch (10Gb)	CESNSBC-1000 CESNSBC-1001	Main Application 1	4.1.2.E1.1m	05/26/2014	E1.1m
NSB 4 ports 1 Gb Nortel Ethernet L2/7 Switch	CESNSB7-0000	Boot ROM	WM20000	07/31/2013	2100
		Main Application	WM20000	07/31/2013	2100
NSB 6 ports 1 Gb Nortel Ethernet L2/3 Switch	CESNSB6-0000	Boot ROM	WMZ04000	05/20/2014	0503
		Main Application	WMZ04000	05/20/2014	0503
Server Connectivity Module (SCM)	CESNSB0-4100	Boot ROM	WMY01002	05/11/2009	1.1.3
		Main Application	WMY03000	05/11/2009	1.1.3
BNT 10 ports 10 Gb Ethernet Switch	CESNSBB-1000	Boot ROM	WMJ03000	04/28/2014	0708
		Main Application	WMJ03000	04/28/2014	0708
BNT 1/10 Gb Uplink Ethernet Switch	CESNSB8-0000	Boot ROM	WMJ07000	06/25/2014	0704
		Main Application	WMJ07000	06/25/2014	0704

Qlogic Virtual Fabric Extension Module	CFSNSB2-000	Main Application			9.0.3.04.00
Qlogic FC SM 2Gb 2 ports		Main Application 1	BRFSM	01/31/2007	2011
Qlogic FC SM 2Gb 6 ports	CFSNSB0-1500	Main Application 1	BRFSM	07/07/2009	5510 ⁽²⁾
Qlogic FC SM 4Gb 6 ports	CFSNSB0-4500	Main Application 1	BRFSM	07/07/2009	5510 ⁽³⁾
	CFSNSB0-4501	Main Application 1	BRFSM	09/15/2009	6525 ⁽³⁾
Qlogic FC SM 4/8Gb - 8Gb 20 ports ⁽⁴⁾	CFSNSB0-8000 CFSNSB0-8001	Main Application 1	BRFSM	11/19/2012	7.10.1.29.00
Brocade FC SM 2 Gb	CFSNSB0-2X00	Main Application 1	BREFSM	02/11/2009	532a
Brocade FC SM 4 Gb	CFSNSB0-4000 CFSNSB0-5000	Main Application 1	BREFSM	08/20/2013	622f6
Brocade FC SM 8 Gb 20 ports	CFSNSB0-208G	Main Application 1	BREFSM	08/07/2014	702d6
SAS Connectivity Module	CSSBUB0-1000	Boot ROM	BRASAM	06/26/2007	0305
		Main Application 1	BRASAM	10/11/2011	0371
OPM	COSNSB0-2000	Boot ROM	BROROPSM	02/21/2006	09
Intelligent FC Pass-thru Module 4Gb	PTNWOP1-4000	Main Application 1	BRFSM	09/15/2009	6525
8Gb – 4/8Gb Intelligent FC Pass-thru Module ⁽⁴⁾	PTMNOP1-8000 PTMNOP1-8001	Main Application 1	BRFSM	11/19/2012	7.10.1.29.00
Intelligent Copper Pass-thru Module	PTMNCU1-0000	Boot ROM	WNF03000	01/15/2010	01.00 (1.03)
		Main Application 1	WNF03000	01/15/2010	01.00 (1.03)
10Gb Ethernet Pass-thru Module	PTMNOP2-10G0	Boot ROM	WNF03000	08/09/2011	1.0.14.0 2.0.3.1 (amcc)
CPM	CCPNSB0-1000	Boot ROM	BRBOOPSM	02/21/2006	07
Chassis Management Module (CMM) (Chassis 7U)		Main Application	BREO86I	02/20/2007	16
		Boot ROM	BRBO73I	04/18/2005	16
		Remote control	BREO86I	02/20/2007	16
Advanced Management Module AMM génération 1 (Chassis 7U)		AMM firmware	BPEO23E	02/16/2007	35
Advanced Management Module AMM génération 2 (Chassis 7U/9U)	CMMNSB0-0000	AMM firmware	BPEO66G	06/12/2014	66
Ethernet Expansion Card (SFF)	CESN202-2100	Firmware utility			2.3.1f ⁽⁵⁾
Ethernet Expansion Card (CFFv)	CESN202-5005 DCCG208-0000	Firmware utility			2.3.1f ⁽⁵⁾

Ethernet Expansion Card (CIOv)	CESN205-1000 DCCG266-0000	Firmware utility			2.3.1f ⁽⁵⁾
Broadcom 4 Ports Ethernet Expansion Card (CFFH)	CESN204-0000 DCCG219-0000	Firmware utility			2.3.1f ⁽⁵⁾
Broadcom 4 Ports 10 Gb Ethernet Expansion Card (CFFH)	CESN207-410G	Firmware utility			2.3.1f ⁽⁵⁾
SAS Expansion Card (CFFv)	CSSN202-1000	BIOS			6.26.82
		Firmware			1.30.05
Qlogic 2Gb FC Expansion Card (Standard and Small Form Format)		QLA2312 PCI FC ROM BIOS			1.47
		ISP2312 Firmware			3.03.08
		Fast!Util			1.29
Qlogic 4Gb FC Expansion Card (SFF)	CFSN202-2000	QMC2462S PCI-X FC ROM BIOS			2.04
		EFI			2.12
		Firmware			4.00.27
		FCode			2.04
Qlogic 4Gb FC Expansion Card CFFv	DCCG211-0000	2422M PCI-E FC ROM BIOS			2.04
		EFI			2.12
		Firmware			4.00.27
		FCode			2.04
Qlogic Ethernet and 4Gb FC Mezzanine Card CFFh	CFEBUB0-1000 DCCG217-0000	2432M PCI-E FC ROM BIOS			2.04
		EFI			2.12
		Firmware			4.00.27
		FCode			2.04
Qlogic 4Gb FC Expansion Card CIOv	CFSN203-4000 DCCG225-0000	QMI2572 PCI-E FC ROM BIOS			2.14
		EFI			2.51
		Firmware			7.01.00
		FCode			3.20
Qlogic 8Gb FC Expansion Card CIOv	CFSN203-8000 DCCG226-0000	QMI2582 PCI-E FC ROM BIOS			2.14
		EFI			2.51
		Firmware			7.01.00
		FCode			3.20
		EDC Firmware			2.00
Qlogic Ethernet and 8Gb FC Expansion Card CFFh	CFEBUB1-0000 CFEBUB0-0001 DCCG228-0000	QMI3572 PCI-E FC ROM BIOS			2.14
		EFI			2.51
		Firmware			7.01.00
		FCode			3.20
Qlogic 2-port 10Gb CNA CFFh (8142)	CFSN205-1000 DCCG257-10GB	QMI8142 BIOS			2.14

		EFI			1.10
		FCode			3.19
		UEFI			3.44
		PXE			1.17
		Firmware			7.01.00
Qlogic 2-port 10Gb CNA CFFh (32xx/82xx)	CFSN205-1001 DCCG257-10GB	QMI3262/8242 BIOS (FCoE)			3.13
		UEFI (FCoE)			6.07
		BIOS (iSCSI)			2.17
		UEFI (iSCSI)			2.04.03
		PXE			2.0.2.31
		PXE EFI			2.6.13
		Firmware			4.12.20
Emulex 4Gb FC Expansion Card (SFF)	CFSN202-4500	LP 1105-BC Boot BIOS			6.02A7
		Firmware			2.82A3
Emulex 4Gb FC Expansion Card (CFFv)	CFSN202-5005 DCCG209-0000	LP 1105-BCv Boot BIOS			6.02A7
		Firmware			2.82A3
Emulex 8Gb FC Expansion Card (CIOv)	CFSN204-8000 DCCG224-0000	LPe 1205-CIOv Boot BIOS			5.13x4
		Firmware			2.02x11
		Config. Utility			4.12x9
		EDC Firmware			3.22
Emulex Virtual Fabric Adapter I/II (CFFH)	CESN208-210G CESN210-210G CESNSTD-VFA2				4.6.281.26
Emulex Virtual Fabric Adapter Advanced II (CFFH)	CESN209-210G CESNADV-VFA2				4.6.281.26
Emulex 10Gb Virtual Adapter II for BL275+ (CFFH)	CESN211-210G				4.6.281.26
Emulex 10Gb Virtual Adapter Advanced II for BL275+ (CFFH)	CESN211-10GA				4.6.281.26
SAS/SATA/SSD Hard Drive (check the change file for details)		Firmware			1.14.04-1
novascale Blade Resource DVD					76673741-111

Changes:

- UEFI, IMM and Diag. for novascale BL265/BL265LV and BL265+,
- UEFI, IMM and Diag. for novascale BL465,
- UEFI, IMM, Diag. and ServerRAID H1135 for novascale BL275,
- UEFI, IMM, Diag. and LSI2004 SAS for novascale BL275+,
- FW/BIOS for Escala EL460, EL260 and BL460,
- FW/BIOS for Escala BL1-700 and BL2-700,
- Broadcom NetExtreme I/II NIC for blade series and optional adapters,

- CISCO Ethernet Switch L2/L3 (Catalyst 3012),
- CISCO Nexus 4001I Ethernet Switch (10Gb),
- NSB 6 ports 1 Gb Nortel Ethernet L2/3 Switch,
- BNT 10 ports 10 Gb Ethernet Switch,
- BNT 1/10 Gb Uplink Ethernet Switch,
- Brocade FC SM 4 Gb,
- Brocade FC SM 8 Gb 20 ports Switch,
- Advanced Management Module AMM génération 2 (Chassis 7U/9U),
- Emulex 8Gb FC Expansion Card (CIOv),
- Emulex VFA for blade series and optional adapters,
- SAS/SATA/SSD Hard Drive

(1) AMM level BPEO62R or later is required to upgrade the Escala EL460/EL260/BL460/ BL1-700/ BL2-700 and novascale BL465.

(2) The firmware version numbers from QLogic are too long for the management module to display, so the management module truncates the number by displaying the first two digits and the last two digits. Complete version is 5.5.2.10 for Qlogic 6 ports switches.

(3) There are two versions of firmware for the Qlogic FC SM 4Gb 6 ports switch, please refer to the following table to select the appropriate firmware for your product.

Firmware	Product Number
5.5.2.10	26R0881, 26R0888, 26R0883, 32R1904, 32R1910, 32R1908
6.5.0.25	43W6724, 46C7009, 43W6727, 43W6725, 46C7010, 43W6728

(4) AMM level BPEO46C or later is required to support the Qlogic 8Gb Intelligent Passthru and San Switch.

(5) This only indicates the update utility version, to know the detail of firmware version of your Broadcom adapters, please refer to the change file in the released package.

• Bull Blade Chassis - Standard (7U)

The chassis delivered until end of June 2006 are equipped with CMM1. They are identified as:

SBCECMM | n/a | C26927-002 | Intel |

The chassis delivered after that date are equipped with CMM2 or AMM.

If they are provided by Intel, they are identified as Intel SBCECMM2:

SBCECMM2 | n/a | D42357-001 | Intel (ASUS)

If they are provided by IBM, they are identified as:

43W3487 | IBM (ASUS) | 20301

• Bull Blade Chassis - Enterprise (9U)

The Bull Blade Chassis – Enterprise are equipped with CMM2 or AMM and identified as:

43W3487 | IBM (ASUS) | 20301