Carnivore2 CF card and adapter compatibility

CF Cards

Many compatibility issues have been solved in the firmware version 2.50. So, it's recommended to update the firmware to version 2.50 or later if you face such problems.

Below is the table with the data on Carnivore2's compatibility with various CF cards. The compatibility was tested with the latest official firmware and 2 versions of IDE drivers that are included into Nextor BIOS. Whether a card works with the selected firmware and Nextor BIOS version is indicated by "YES" or "NO".

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Canon	32 MB	Hitachi XXM2.3.0	Canon COMPACTFLASH™ CARD FC-32M Larger photo	YES	YES
Cisco	32 MB	STI Flash 7.4.0	CISCO M 32MB 16-2648-02 Larger photo	NO	YES
Renesas	32 MB	Hitachi XXM 2.3.0	FLASH CARD	YES	YES
SanDisk	64 MB	SanDisk SDCFB-64	SanDisk 29 64 CompactFlash* Larger photo	NO	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
SanDisk	64 MB	SanDisk SDCFJ-64	SanDisk SDCFJ-64 SanDisk SDCFJ-64 Larger photo		YES
SiliconSystems	64 MB	SILICONSYSTEMS INC 64MB	64MB SSD-C64M-3512	YES	NO
Medion	128 MB	TOSHIBA THNCF128MMA	MEDION 128 MB High Quality CompactFlash Card	YES	YES
SiliconSystems	128 MB	SILICONSYSTEMS INC 128MB	SILICONDRIVE CF		NO
Mirex	128 MB	CF CARD	Mirex 128 Mb	YES	YES
Kingston	128 MB	Hitachi XX.3.7.0.0	DIGITAL MEMORY CARD SHE 128 KIMESTOR	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
SanDisk	256 MB	SanDisk SDCFB-256	SanDisk 29 256 CompactFlash* Larger photo	YES	YES
Kingston	256 MB	Hitachi XX.3.7.0.0	256° Kingston* Larger photo	YES	YES
Kingston	512 MB	TOSHIBA THNCF512MPG	Larger photo COMPACT FLASH GIGHT AL MEMORY CARBON COMPACT FLASH		YES
Transcend	512 MB	TS512MCF200I	Transcend A CompactFlash® 512 MB Industrial Grade Larger photo	YES	YES
Kingston	512 MB	Hitachi XX.V.3.7.0.0	SIZE Kingston* Larger photo	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Stec	512 MB	STI FLASH 8.0.0 01/17/07	CompactFlash 512MB HUACF512MM1BU ***COMPANIENT STEC** ***COMPA	YES	YES
Maxiol ¹⁾	1 GB	STI Flash 8.0.0	CompactFlash Maxiol 1 GB Larger photo	NO	YES
Transcend	1 GB	Transcend	Transcend L CompactFlash** 1GB	YES	YES
Transcend	1 GB	TRANSCEND 2.0	Transcend A CompactFlash* 1GB Industrial	YES	YES
Transcend	1 GB	TRANSCEND 20101008	Transcend CompactFlash® CF80 Industrial	YES	YES
Traxdata	1 GB	TEQ MODEL 20070312	TRAXDATA CompactFlash 1GB Flash Series PRO	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Stec	1 GB	STI FLASH 8.0.0 01/17/07	STI FLASH 8.0.0 01/17/07 CompactFlash 1GB SLCF1GM1UI STEC		YES
XceedCF	1 GB	SMART CF 20100304	Industrial Grade CompactFlash		NO
Kingston	1 GB	CF CARD 1GB	KINGSON COMPACT FLASH	YES	YES
Transcend	2 GB	TS2GCF133	Transcend CompactFlash®		YES
No name	2 GB	CF Card	COMPACTE ASH DIGITAL MEMORY CARD Memory Card	YES	NO
No name	2 GB	CF Card	2 G Memory Card	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Kingston	2 GB	KINGSTON 20060703	KINGSTON 20060703 NO Singston elite pro Crosses		YES
WD	2 GB	SILICONSYSTEMS INC 2GB	SiliconDrive 2 GB PATA SSD-002G-3500 Vendor Ogne Technologies Inc. Product of Thelesti	YES	NO
Sandisk	4 GB	SanDisk SDCFHSNJC-004G	CompoctFlash* SanDisk Ultra 4 GB SanDisk Larger photo	YES	YES
Transcend	4 GB	TRANSCEND	Transcend A Compact Flash* 4G3 Larger photo	YES	YES
Transcend	4 GB	TS4GCF133 20101110	Transcend CompactFlash* 1833 Larger photo	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
No name	4 GB	VI CF 4GB Larger photo		YES	
No name	4 GB	TS4GCF133	COMPACTEL ASH DIGITAL MEMORY CARD Memory Card Larger photo	YES	YES
No name	4 GB	CF Card Ver. 2.35	COMPACT FLASH DIGITAL MEMORY CARD		NO
No name	4 GB	Xmore Industrial XM-CF-4G0- XIC52G(F)	COMPACT FLASH DIGITAL MEMORY CARD Memory Card	YES	NO
RiDATA	4 GB	CF MODEL	4GB PRO 150X RIDATA COMPACTFLASH™ CARD	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
RIDATA	4 GB	KTC CF	KTC CF KTC CF SOX / PRO. II 4GB RIDATA YES		YES
Memory Technology Company	4 GB	ELITE PRO CF CARD 4G	COMPACT FLASH DIGITAL MEMORY CARD Memory Card Larger photo	NO	YES
Sandisk	8 GB	Sandisk SDCFHSNJC-008G	SanDisk Ultra 50 MB/s		YES
PQI	8 GB	FLASH CARD	Hi-Speed 500 8GB CompactFlash* Larger photo	YES	YES
Transcend	8 GB	TRANSCEND TS8GCF266	Transcend A CompactFlash® Million Larger photo	YES	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Transcend	8 GB	TRANSCEND TS8GCF300			YES
Silicon Power	8 GB	SILICON POWER 20100703	8GB F	YES	YES
Sandisk	16 GB	SDCFHS-016G	SanDisk Ultra 16 GB SanDisk Larger photo	YES	YES
Transcend	16 GB	TRANSCEND TS16GCF300	SDCFHS-016G SanDisk Larger photo TRANSCEND TS16GCF300 TRANSCEND TS16GCF300 YES Larger photo		YES
Memory Technology Company	16 GB	CF Card (1)	COMPACT FLASH 16 9 Memory Card Larger photo	NO	YES

Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Kingston	32 GB	ULTIMATE CF CARD	Kingston X997 Compact Flash 32GB	YES	NO
Transcend	32 GB	TS32GCF800 (20170918)	Transcend CompactFlash* 800 120 UDMA7 120MB/s 32GB Larger photo	YES	YES
SanDisk	64 GB	SDCFXPS-064G	Extreme PRO 160 MB/s SanDisk Larger photo	YES	YES

CF Adapters

Below is the table with the data on Carnivore2's compatibility with various CF card adapters. The compatibility was tested with the latest official firmware and 2 versions of IDE drivers that are included into Nextor BIOS. Whether a card adapter works with the selected firmware and Nextor BIOS version is indicated by "YES" or "NO".

Manufacturer, Name	Туре	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Extreme CF Adapter	Type I 1 SD card adapter	FC-1307 SD to CF Adapter V1.5	Type I UDMA Extreme CF Adapter Larger photo	YES	YES

Manufacturer, Name	Туре	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Extreme CF Adapter	Type I 1 MicroSD card adapter	FC-1307 SD to CF Adapter V1.5	Type I UDMA Extreme CF Adapter	YES	YES
Extreme CF Adapter	Type I 2 MicroSD cards	FC-1307 SD to CF Adapter V1.3	Type I UDMA Extreme CF Adapter. Larger photo	YES	YES
DELOCK Compact Flash Adapter	Type II 1 SD card or 1 MicroSD card in MicroSD-SD adapter	SD to CF Adapter	Compact Flash Adapter for SDXC/SDHC/SDMMC	YES	NO
SONY Memory Stick Duo Adaptor for Compact Flash Slot	1 Memory Stick card	MEMORYSTICK PRO	Memory Stick Duo Adaptor for Compact Flash Slot AD-MSCF1 PRO Duo Larger photo	YES	YES
MicroSD/WiFi Adapter	1 MicroSD card + WiFi ³⁾	FC1307 SD to CF WIFI Adapter Ver2.18	WIFI CF Adapter	YES	YES

NOTE: Most of the tests with CF cards and adapters were done by third parties and can't be independently verified by RBSC.

1)

The card is supplied with Maxiol CF-IDE controller

2)

Only one card in adapter's slot I or II can be used

3)

The card can be accessed as read-only using the WIFI@SDCF app version 2.9 for Android

https://sysadminmosaic.ru/en/msx/carnivore2/qvl_list

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