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	 Larger photo	YES	YES
Cisco	32 MB	STI Flash 7.4.0	 Larger photo	NO	YES
Renesas	32 MB	Hitachi XXM 2.3.0		YES	YES
SanDisk	64 MB	SanDisk SDCFB-64	 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	 Larger photo	YES	YES
SiliconSystems	64 MB	SILICONSYSTEMS INC 64MB		YES	NO
Medion	128 MB	TOSHIBA THNCF128MMA		YES	YES
SiliconSystems	128 MB	SILICONSYSTEMS INC 128MB		YES	NO
Mirex	128 MB	CF CARD		YES	YES
Kingston	128 MB	Hitachi XX.3.7.0.0		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	 Larger photo	YES	YES
Kingston	256 MB	Hitachi XX.3.7.0.0	 Larger photo	YES	YES
Kingston	512 MB	TOSHIBA THNCF512MPG	 Larger photo	YES	YES
Transcend	512 MB	TS512MCF200I	 Larger photo	YES	YES
Kingston	512 MB	Hitachi XX.V.3.7.0.0	 Larger photo	YES	YES

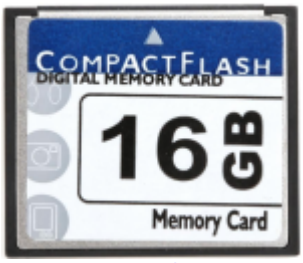
Manufacturer, Name	Size, MB/GB	ID, Model	Appearance	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.5	FPGA firmware v2.40 + Nextor v2.1.0 Beta 2; IDE driver v0.1.7
Stec	512 MB	STI FLASH 8.0.0 01/17/07		YES	YES
Maxiol [1)]	1 GB	STI Flash 8.0.0	 Larger photo	NO	YES
Transcend	1 GB	Transcend		YES	YES
Transcend	1 GB	TRANSCEND 2.0		YES	YES
Transcend	1 GB	TRANSCEND 20101008		YES	YES
Traxdata	1 GB	TEQ MODEL 20070312		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		NO	YES
XceedCF	1 GB	SMART CF 20100304		NO	NO
Kingston	1 GB	CF CARD 1GB		YES	YES
Transcend	2 GB	TS2GCF133		YES	YES
No name	2 GB	CF Card		YES	NO
No name	2 GB	CF 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		NO	YES
WD	2 GB	SILICONSYSTEMS INC 2GB		YES	NO
Sandisk	4 GB	SanDisk SDCFHSNJC-004G	 Larger photo	YES	YES
Transcend	4 GB	TRANSCEND	 Larger photo	YES	YES
Transcend	4 GB	TS4GCF133 20101110	 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	YES
No name	4 GB	TS4GCF133	 Larger photo	YES	YES
No name	4 GB	CF Card Ver. 2.35	 Larger photo	YES	NO
No name	4 GB	Xmore Industrial XM-CF-4G0-XIC52G(F)		YES	NO
RiDATA	4 GB	CF MODEL	 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
RiDATA	4 GB	KTC CF		YES	YES
Memory Technology Company	4 GB	ELITE PRO CF CARD 4G	 Larger photo	NO	YES
Sandisk	8 GB	Sandisk SDCFHSNJC-008G	 Larger photo	YES	YES
PQI	8 GB	FLASH CARD	 Larger photo	YES	YES
Transcend	8 GB	TRANSCEND TS8GCF266	 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	 Larger photo	NO	YES
Silicon Power	8 GB	SILICON POWER 20100703		YES	YES
Sandisk	16 GB	SDCFHS-016G	 Larger photo	YES	YES
Transcend	16 GB	TRANSCEND TS16GCF300	 Larger photo	YES	YES
Memory Technology Company	16 GB	CF Card (1)	 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	 Larger photo	YES	NO
Transcend	32 GB	TS32GCF800 (20170918)	 Larger photo	YES	YES
SanDisk	64 GB	SDCFXPS-064G	 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	Type	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	 Larger photo	YES	YES

Manufacturer, Name	Type	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		YES	YES
Extreme CF Adapter	Type I 2 MicroSD cards [2]	FC-1307 SD to CF Adapter V1.3	 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	 Larger photo	YES	NO
SONY Memory Stick Duo Adaptor for Compact Flash Slot	1 Memory Stick card	MEMORYSTICK PRO	 Larger photo	YES	YES
MicroSD/WiFi Adapter	1 MicroSD card + WiFi [3]	FC1307 SD to CF WIFI Adapter Ver2.18		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

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

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