

> EXCERIA PRO™ - N501

SDHC™ and SDXC™ UHS-II CARDS

The EXCERIA PRO™ line up has been expanded. The high performance SD cards are now available with 16GB, 32GB, 64GB, 128GB and 256GB.

The series has a UHS Speed Class 3 (U3) allowing burst shooting and 4K video recording. The new 256GB Toshiba SDXC Card offers unsurpassed performance to date.

The series has the X-RAY Proof label and includes a data recovery software *1



> SPECIFICATIONS

EXCERIA PRO™ - N501 SDHC™ & SDXC SD Cards	
Overview:	
Capacity	16GB, 32GB, 64GB, 128GB, 256GB
Speed Class	UHS Speed Class 3 *2
Write Speed	Up to 250 MBytes/s *3
Read Speed	Up to 270 MBytes/s *3
Warranty	5 Years

Interface Speeds:				
SD Bus Interface		New UHS-II Interface HD 312 Mode	UHS-I Interface SD 104 Mode	Conventional SD Interface SD High-Speed Mode
Transfer Speed	Max. Bus Speed	312 MBytes/s	104 MBytes/s	25 MBytes/s
	Max. Speed *3)	Read: 270 MBytes/s Write: 250 MBytes/s	Read: 95 MBytes/s Write: 90 MBytes/s	Read: 23 MBytes/s Write: 23 MBytes/s

Physical Specification:	
Dimensions	32.0 mm (L) x 24.0 mm (W) x 2.1 mm (H)
Weight	Approx. 2g

	16GB	32GB	64GB	128GB	256GB
Model Numbers:					
EAN Code	4047999410416	4047999410423	4047999410430	4047999410447	4047999410454
Part Number	THN-N501G0160E6	THN-N501G0320E6	THN-N501G0640E6	THN-N501G1280E6	THN-N501G2560E6



> **TOSHIBA – THE INVENTOR OF FLASH MEMORY**

In 1984, Toshiba developed a new type of semiconductor memory called flash memory, leading the industry into the next generation ahead of its competitors.

Some time later in 1987, NAND flash memory was developed, and this has since been used in a variety of memory cards and electronic equipments. The NAND flash market has grown rapidly, with flash memory becoming an internationally standardized memory device. Toshiba, the inventor of flash memory, has carved out a path to a new era in which we are all able to carry videos, music and data with us wherever we go.

History of Flash Memory	
1984	Developed NOR-type Flash Memory
1987	Developed NAND-type Flash Memory
Jul. 2000	Released SD™ Memory Card
Jun. 2003	Released miniSD™ Memory Card
Dec. 2003	Released USB Flash Memory
Jul. 2006	Released microSD™ Memory Card
Oct. 2006	Released SDHC™ Memory Card
May. 2010	Released SDXC™ Memory Card
Sep. 2010	Developed SDHC Memory Card – World’s fastest* ⁴
Sep. 2011	Developed World’s first SDHC Memory Card with Embedded Wireless LAN, FlashAir™
Mar. 2012	Released the new brand EXCERIA™
Jul. 2013	Developed EXCERIA™ UHS II World’s fastest Write Speed
Feb. 2015	Developed World’s first SD Card with built-in NFC
Sep. 2015	Developed World’s first SDHC Memory Card with Embedded TransferJet™ - Technology
Mar. 2016	Developed EXCERIA™ microSD UHS-II World’s fastest Write Speed* ⁵



*1 The cards give you the opportunity to recover deleted content using dedicated recovery software. Downloadable from our partners LC Tech up to a year after the card is purchased, the recovery software supports a wide variety of languages and operating systems, to restore your precious memories.

*2 UHS speed class 1: 10MB/s Min. write performance for video recording on UHS-I & UHS-II interfaces.
UHS speed class 3: 30 MB/s Min. write performance for video recording on UHS-I & UHS-II interfaces.
Speed class 10: 10 MB/s Min. write performance for video recording on standard interface.

*3 e.g. Read and write speeds may vary depending on the read and write conditions, such as devices you use and file sizes you read and/or write.

*4 On the date of release.

*5 On the date of release: March 2016.