

ZADAK

BEYOND THE BOUNDARY

CASE / COMPONENTS / COOLING PRODUCT GUIDE



About ZADAK

Original design, craftsmanship, and beyond the boundary are the core values of ZADAK. We want to create a custom water-cooled PC case which is sophisticated and elegant, just like an artwork, an enjoyment. We also want to create something that is easy for you to assemble your own fantasy PC.

After years of development, tons of experiments and prototypes, ZADAK finally settles on a design that would be the key of why we are able to make the water-cooled computer so compact.

ZADAK hopes that you will get as much fun out of building your own fantasy PC as we do.

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MOAB II ELITE WATER COOLED PC CASE



Mother Board Support	Intel • ROG STRIX Z490-G GAMING • GIGABYTE Z490M • ASRock Z490M Pro4 • ROG MAXIMUS XI GENE • GIGABYTE B360M AORUS GAMING 3 • GIGABYTE B360M AORUS PRO • MSI MAG Z390M MORTAR.	AMD • GIGABYTE B450M GAMING • GIGABYTE B450 AORUS M *MOAB II Elite is compatible with most m-ATX motherboards on the market. But the models listed above have been officially verified by ZADAK
CPU Support	Socket Intel 1200, 115x Socket, AMD AM4 (Ryzen) series Desktop Processors	
Product Dimensions	(L)311x(W)193x(H)371mm	
Packing Dimensions	(L)472x(W)347x(H)639mm	
Net weight	7.3kg	
Gross weight	11kg	

MOAB II ULTIMATE WATER COOLED PC CASE



Mother Board Support	Intel	
	• ROG MAXIMUS XI GENE • GIGABYTE B360M AORUS GAMING 3 • GIGABYTE B360M AORUS PRO • MSI MAG Z390M MORTAR	AMD • GIGABYTE B450M GAMING • GIGABYTE B450 AORUS M
GPU Support	1. NVIDIA GeForce RTX 2080 Ti 2. Asus DUAL-RTX2080TI-O11G 3. Asus DUAL-RTX2080TI-A11G 4. GALAX GeForce RTX 2080 Ti OC	5. GALAX GeForce RTX 2080 Ti OC White 6. GALAX GeForce RTX 2080 Ti Blower 7. Asus DUAL-RTX2080S-08G-EVO
CPU Support	Socket Intel 115x Socket, AMD AM4 (Ryzen) series Desktop Processors	
Power Supply Support	SFX 500W	
Cooling Component	Including CPU / GPU water blocks and necessary fittings, as well as 2 copper tubes for GPU loop connection.	
Product Dimensions	(L)311x(W)193x(H)371mm	
Packing Dimensions	(L)472x(W)347x(H)639mm	
Net weight	8.9kg	
Gross weight	12.6kg	

SPARK AIO LIQUID COOLER



Type	240mm AIO	
Compatibility	Intel / AMD Intel: LGA 1700, 1200, 1150, 1151, 1152, 1155, 1156, 1366, 2011, 2011-3, 2066 AMD: AM5, AM4	
Water Block	Dimension: (L)72x(W)72x(H)47mm Block Material (CPU plate): Copper	
Radiator	Dimension: (L)272x(W)121x(H)27mm Material: Aluminum Tube: Sleeved rubber tube	
Fan	2 x ZADAK SPARK FAN • Size: 2 Fan Slots (120mm) • Dimension: (L)120x(W)120x(H)25mm • Speed : 500~1800 RPM +/- 10 %	• Static Pressure: 2.5mm • H2O Air Flow: 46.34CFM • Noise: 18-25 dB(A) • Control Mode: PWM
Warranty	5 Years	

SPARK AIO LITE LIQUID COOLER

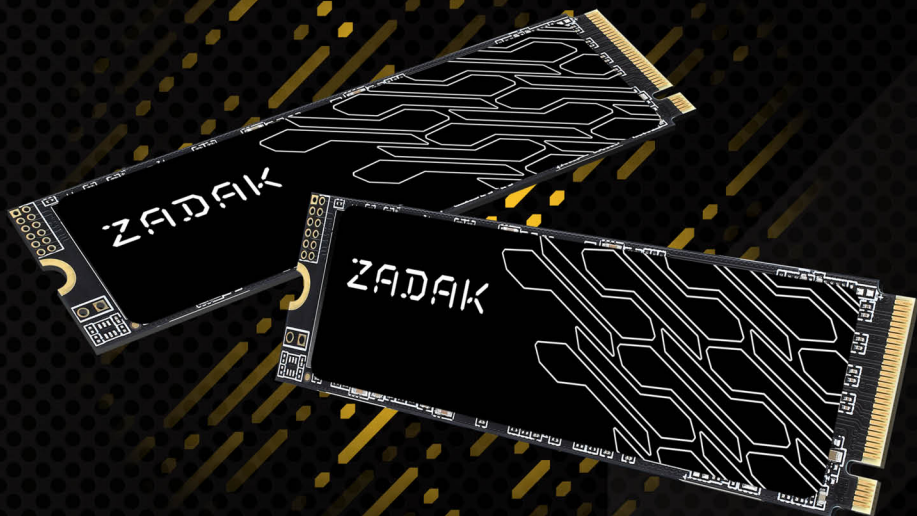


Type	240mm AIO	
Compatibility	Intel / AMD Intel: LGA 1700, 1200, 1150, 1151, 1152, 1155, 1156, 1366, 2011, 2011-3, 2066 AMD: AM5, AM4	
Water Block	Dimension: (L)70x(W)70x(H)52.1mm Block Material (CPU plate): Copper	
Radiator	Dimension: (L)274x(W)120x(H)27mm Material: Aluminum Tube: FEP tube	
Fan	2 x ZADAK SPARK FAN • Dimension: (L)120x(W)120x(H)25 mm • Fan Speed: 800~2200RPM +/- 10 % • Fan Static Pressure: 2.55mm H2O	• Fan Air Flow: 60.97CFM • Noise: 28.6dB(A) • Control Mode: PWM
Warranty	3 Years	



TW5G45 PCIE GEN4X4 M.2 SSD

Capacity	512GB~2TB
Interface	PCIe Gen4 x4
NAND Flash	3D NAND
Max Read/Write Performance	Up to 7,400 / 7,000 MB/s
Random Write Performance	Up to 1,000,000 IOPs
Features	• Max. Read 7,400 MB/s ; Max. Write 7,000 MB/s • Supports the latest NVMe 1.4 standard • Incorporates two heat sinks (aluminum heat sink and ultra-thin graphene heat sink) • Effective cooling and easy installation • Meets the capacity expansion needs of PS5 game console
Dimension	• with aluminum heatsink : (L)80.00 x (W)22.90 x (H)10.8mm • with graphene heatsink : (L)80.00 x (W)22.00 x (H)2.20mm

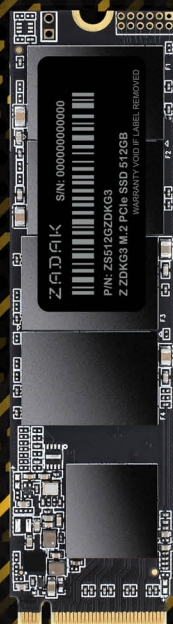


TWSG3 PCIE GEN3X4 M.2 SSD

Capacity	128GB~2TB
Interface	PCIe Gen3 x4
NAND Flash	3D NAND
Max Read/Write Performance	Up to 3,500 / 3,200 MB/s
Random Write Performance	-
Features	• Unleash Lightning-fast Read/Write Speeds • Graphene Heatsink Offering Outstanding Cooling Performance • Perfect Compatibility with PC and Laptop • Advanced Technology for Robust Durability and Reliability • Internal Developed ZADAK Widget to Monitor Your Drive
Dimension	(L)80.00 x (W)22.00 x (H)2.25mm

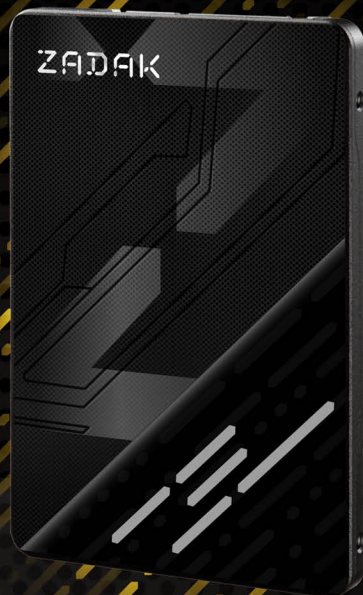
ZDKG3 PCIE GEN3X4 M.2 SSD

Capacity	256GB~1TB
Interface	PCIe Gen3 x4
NAND Flash	3D NAND
Max Read/Write Performance	Up to 3,000 / 2,000 MB/s
Random Write Performance	-
Features	• Lightning-fast Read/Write Speeds • Ultra-compact body - Ideal Choice for Gamers • Advanced Technology for Robust Durability and Reliability • Internal Developed ZADAK Widget to Monitor Your Drive
Dimension	(L)80.00 x (W)22.00 x (H)2.25mm



TWSS3 SATA3 2.5"SSD

Capacity	128GB~2TB
Interface	SATA 3.2 (6Gb/s)
NAND Flash	3D TLC
Max Read/Write Performance	Up to 560 / 540 MB/s
Random Write Performance	Up to 80,000 IOPs
Features	• Remarkable Read Speed at 560MB/s • Effectively Eliminates Power Consumption • Optimized Durability and Performance at High Stability • High Capacity with Enhanced Reliability • Prime Choice for PC Upgrade
Dimension	(L)100.00 x (W)69.90 x (H)7.00mm

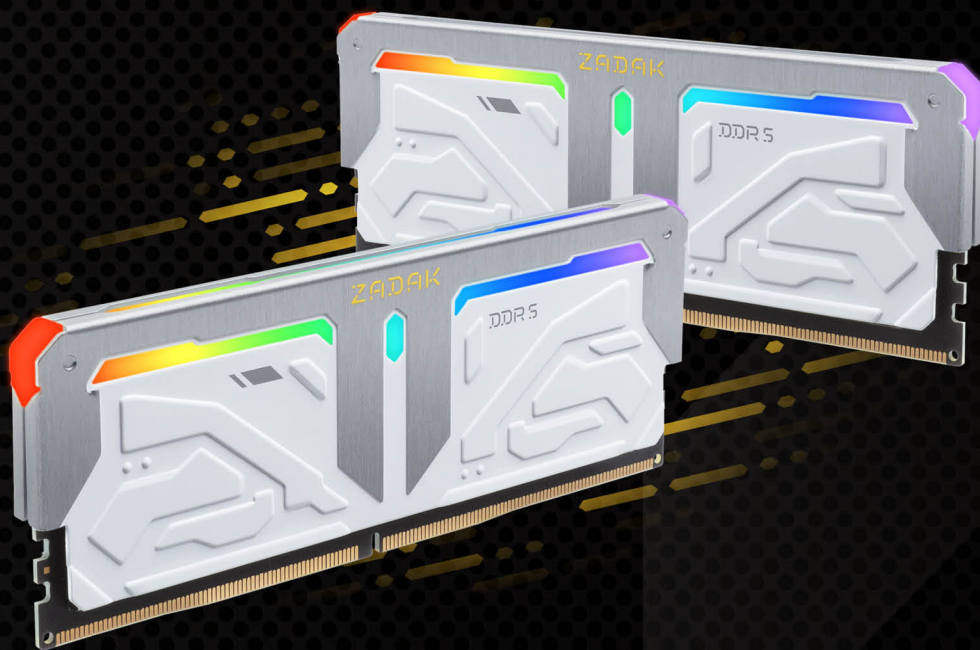


Memory



TWIST DDR5

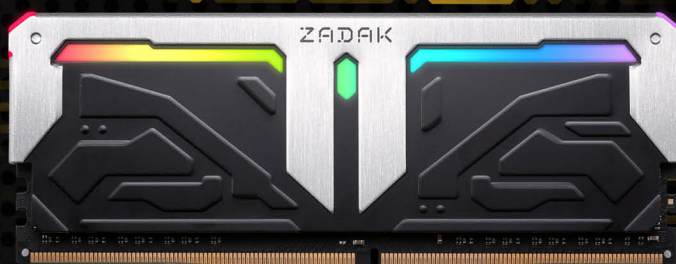
DATA RATE	MODEL	CAPACITY		VOLTAGE	CL TIMING
		Single Package	Dual Package		
8000MHz	PC5-64000	16GB	32GB	1.45V	38-48-48-84
7600MHz	PC5-60800	16GB	32GB	1.45V	36-48-48-84
7200MHz	PC5-57600	16GB	32GB	1.45V	34-42-42-84
6800MHz	PC5-54400	16GB	32GB	1.4V	36-46-46-84
6400MHz	PC5-51200	16GB/32GB	32GB/64GB	1.35V	36-48-48-104
6400MHz	PC5-51200	16GB/32GB	32GB/64GB	1.4V	32-39-39-84
6200MHz	PC5-49600	16GB/32GB	32GB/64GB	1.35V	40-40-40-76
6000MHz	PC5-48000	16GB/32GB	32GB/64GB	1.35V	38-48-48-96
5600MHz	PC5-44800	8GB/16GB/32GB	16GB/32GB/64GB	1.25V	40-40-40-80
5200MHz	PC5-41600	8GB/16GB/32GB	16GB/32GB/64GB	1.25V	40-40-40-80



SPARK RGB DDR5

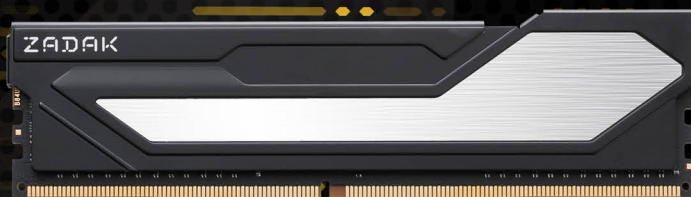
DATA RATE	MODEL	CAPACITY		VOLTAGE	CL TIMING
		Single Package	Dual Package		
8000MHz	PC5-64000	16GB	32GB	1.45V	38-48-48-84
7600MHz	PC5-60800	16GB	32GB	1.45V	36-48-48-84
7200MHz	PC5-57600	16GB	32GB	1.45V	34-42-42-84
6800MHz	PC5-54400	16GB	32GB	1.4V	36-46-46-84
6400MHz	PC5-51200	16GB/32GB	32GB/64GB	1.35V	36-48-48-104
6400MHz	PC5-51200	16GB/32GB	32GB/64GB	1.4V	32-39-39-84
6200MHz	PC5-49600	16GB/32GB	32GB/64GB	1.35V	40-40-40-76
6000MHz	PC5-48000	16GB/32GB	32GB/64GB	1.35V	38-48-48-96
5600MHz	PC5-44800	16GB/32GB	32GB/64GB	1.25V	40-40-40-80
5200MHz	PC5-41600	16GB/32GB	32GB/64GB	1.25V	40-40-40-80

SPARK RGB DDR4



DATA RATE	MODEL	CAPACITY		VOLTAGE	CL TIMING
		Single Package	Dual Package		
4133MHz	PC4-33000	8GB / 16GB	16GB / 32GB	1.4V	19-21-21-42
3600MHz	PC4-28800			1.35V	18-22-22-38
3200MHz	PC4-25600			1.35V	16-20-20-38
3000MHz	PC4-24000			1.35V	16-18-18-38
2666MHz	PC4-21300			1.2V	16-18-18-38

TWIST DDR4



DATA RATE	MODEL	CAPACITY		VOLTAGE	CL TIMING
		Single Package	Dual Package		
3600MHz	PC4-28800	8GB / 16GB / 32GB	16GB / 32GB / 64GB	1.35V	18-22-22-38
3200MHz	PC4-25600			1.35V	16-20-20-38
3000MHz	PC4-24000			1.35V	16-18-18-38
2666MHz	PC4-21300			1.2V	16-18-18-38

Memory

DDR4 DESKTOP MEMORY MODULE

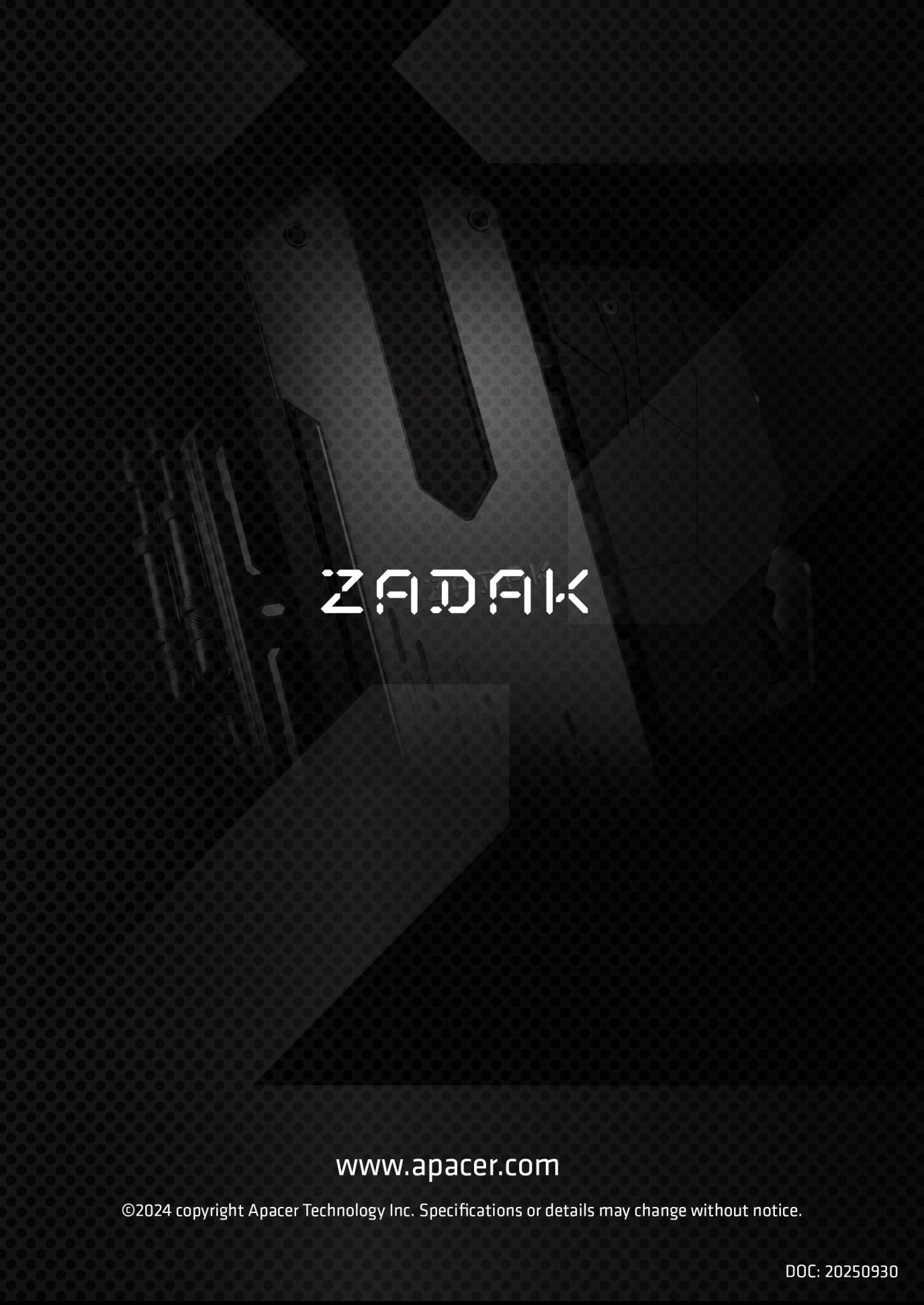


DATA RATE	MODEL	CAPACITY	VOLTAGE	CL TIMING
3200MHz	PC4-12800	4GB ~32GB	1.2V	CL22
2666MHz	PC4-10600		1.2V	CL19

DDR4 NOTEBOOK MEMORY MODULE



DATA RATE	MODEL	CAPACITY	VOLTAGE	CL TIMING
3200MHz	PC4-12800	4GB ~32GB	1.2V	CL22
2666MHz	PC4-10600		1.2V	CL19



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