



ASUS Mainboard AMD B650 PRIMEB650M-K

Tootekood: **PRIMEB650M-K** · Tootja: **ASUS** · EAN: **4711387236628** · Laos: 1 tk

Põhiandmed

AMD AM5 Socket	Ready for AMD Ryzen™ 7000 Series Desktop Processors
Ultrafast Connectivity	M.2 PCIe 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C®
ASUS OptiMem II	Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
Comprehensive Cooling	VRM heatsink, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
Aura Sync RGB Lighting	Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware

Kirjeldus

B650M-KASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen 7000-series processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, PRIME B650M-K provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features.

FLEXIBILITYComprehensive controls form the foundation of the ASUS PRIME series. The PRIME B650 motherboard packs flexible tools to tune every aspect of your system, enabling performance tweaks to perfectly match the way you work to maximize productivity.

CPU Performance BoostAMD Precision Boost Overdrive(PBO) pushes the CPU current and voltage budget to opportunistically increase performance. By aggressively tuning the PBO parameters, AMD's algorithm can leverage the motherboard's robust power solution to ramp up performance

even higher.

Tehnilised andmed

Üldandmed	
Sobib seadmele	PC
Toetatud Windowsi versioonid	Windows 10 x64/Windows 11
Kaablid kaasas	SATA
Mudel	PRIME B650M-K
Jõudlus	
Emaplaadi kiibistik	AMD B650
Heliväljundi kanalid	7.1 channels
Protsessori tootja	AMD
Mäluseadmed	
Maksimaalne mälumaht	96 GB
Ühendused	
USB 2.0 portide arv	4
USB-A (USB 3.2 Gen 1) portide arv	2
VGA (D-Sub) portide arv	1
HDMI portide arv	1
Võrk	
Ethernet (RJ-45) portide arv	1
Ethernet LAN	Jah
Etherneti liidese tüüp	2.5 Gigabit Ethernet
Wi-Fi	Ei
Mõõdud ja kaal	
Pakendi laius	260 mm
Pakendi sügavus	270 mm
Pakendi kõrgus	51.5 mm
Pakendi kaal	1070 g
Laius	244 mm
Sügavus	221 mm

Muu

Motherboard form factor	micro ATX
Motherboard chipset family	AMD
Processor socket	Socket AM5
Compatible processor series	AMD Ryzen 7000 Series
Supported processor sockets	Socket AM5
Supported memory types	DDR5-SDRAM
Number of memory slots	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	4800/5000/5200/5400/5600/5800/6000/6200/6400 MHz
Supported memory clock speed (max)	6400 MHz
Unbuffered memory	Jah
Supported storage drive types	HDD & SSD
Supported storage drive interfaces	M.2,SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	Jah
RAID levels	0/1/10
Parallel processing technology support	Not supported
USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
Number of SATA III connectors	4
S/PDIF out connector	Jah
Audio connector	Jah
Front panel audio connector	Jah
ATX Power connector (24-pin)	Jah
CPU fan connector	Jah
Number of chassis fan connectors	2
EPS power connector (8-pin)	Jah

12V power connector	Jah
Number of COM connectors	1
TPM connector	Jah
RGB LED pin header	Jah
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
PS/2 ports quantity	1
Headphone outputs	1
Line-in	Jah
Microphone in	Jah
PCI Express x1 (Gen 4.x) slots	2
PCI Express x16 (Gen 4.x) slots	2
Number of M.2 (M) slots	2
BIOS type	UEFI AMI
BIOS memory size	256 Mbit
Tootja garantii	36 kuud