

Model	NUC16GDK	NUC16GDK-B	NUC16GDK-BE
Form Factor	Mini PC	Kit	Board
Operating System	Windows 11 Home Copilot+PC Windows 11 Pro Copilot+PC	No preinstalled OS Support: Windows 11 Home 64-bit Windows 11 Pro 64-bit Windows 11 IoT Enterprise 64-bit Windows 11 Pro Education 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 10.0 64-bit	No preinstalled OS Support: Windows 11 Home 64-bit Windows 11 Pro 64-bit Windows 11 IoT Enterprise 64-bit Windows 11 Pro Education 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 10.0 64-bit
CPU	Intel® Core™ Ultra X9 388H, cTDP 65W Intel® Core™ Ultra X9 378H, cTDP 65W Intel® Core™ Ultra X7 358H, cTDP 65W Intel® Core™ Ultra 7 356H, cTDP 65W Intel® Core™ Ultra 5 325, cTDP 45W	Intel® Core™ Ultra X9 388H, cTDP 65W Intel® Core™ Ultra X9 378H, cTDP 65W Intel® Core™ Ultra X7 358H, cTDP 65W Intel® Core™ Ultra 7 366H (vPro), cTDP 65W Intel® Core™ Ultra 7 356H, cTDP 65W Intel® Core™ Ultra 5 335 (vPro), cTDP 45W Intel® Core™ Ultra 5 325, cTDP 45W	Intel® Core™ Ultra X9 366H, cTDP 65W Intel® Core™ Ultra X9 356H, cTDP 65W Intel® Core™ Ultra 7 356H, cTDP 45W Intel® Core™ Ultra 7 366H (vPro), cTDP 65W
Chipset	Integrated	Integrated	Integrated
Graphics	Intel® Graphics Intel® Arc™ Graphics	Intel® Graphics Intel® Arc™ Graphics	Intel® Graphics Intel® Arc™ Graphics
Memory	Max Capacity: 128GB (64GB DDR5-7200 CSO-DIMM x 2)	No memory included at shipment Max Capacity: 128GB	No memory included at shipment Max Capacity: 128GB

	Max Capacity: 128GB (64GB DDR5-6400 CSO-DIMM x 2) LPDDR5x-8533 64G LPDDR5x-8533 32G, Included: 8GB DDR5-5600 SO-DIMM x 2 Included: 32GB DDR5-5600 SO-DIMM Included: 16GB DDR5-5600 SO-DIMM x 2 Included: 16GB DDR5-5600 SO-DIMM	(64GB DDR5-7200 CSO-DIMM x 2) No memory included at shipment Max Capacity: 128GB (64GB DDR5-6400 CSO-DIMM x 2) LPDDR5x-8533 64G LPDDR5x-8533 32G	(64GB LPDDR5x-8533 64G LPDDR5x-8533 32G) No memory included at shipment Max Capacity: 128GB (64GB LPDDR5x-8533 64G LPDDR5x-8533 32G)
Storage	Included: 512G M.2 2280 NVMe™ PCIe® 4.0 SSD 2TB M.2 2280 NVMe™ PCIe® 4.0 SSD 1TB M.2 2280 NVMe™ PCIe® 5.0 SSD 1TB M.2 2280 NVMe™ PCIe® 4.0 SSD, Support: 128GB~8TB M.2 2280 NVMe™ PCIe® 4.0x4 SSD or 128GB~8TB M.2 2280 NVMe™ PCIe® 5.0x4 SSD	No storage included at shipment Support: 128GB~8TB M.2 2280 NVMe™ PCIe® 4.0x4 SSD or 128GB~8TB M.2 2280 NVMe™ PCIe® 5.0x4 SSD	No storage included at shipment Support: 128GB~8TB M.2 2280 NVMe™ PCIe® 4.0x4 SSD or 128GB~8TB M.2 2280 NVMe™ PCIe® 5.0x4 SSD
Wireless Data Network	Intel® Wi-Fi 7 BE211 (Gig+), Bluetooth 6.0	Intel® Wi-Fi 7 BE211 (Gig+), Bluetooth 6.0	
LAN	Dual Intel® Ethernet Controller I226-V, 2.5G	Intel® Ethernet Controller I226-V and I226-LM, 2.5G Dual Intel® Ethernet Controller I226-V, 2.5G	Intel® Ethernet Controller I226-V, 2.5G
Audio	No Analog Audio Support - Digital Audio	No Analog Audio Support - Digital Audio	No Analog Audio Support - Digital Audio

Front(Side) I/O Ports	1 x USB 3.2 Gen2x1 Type-C 2 x USB 3.2 Gen2 Type-A 1 x Kensington Lock (Side)	1 x USB 3.2 Gen2x1 Type-C 2 x USB 3.2 Gen2 Type-A 1 x Kensington Lock (Side)	1 x USB 3.2 Gen2x1 Type-C 2 x USB 3.2 Gen2 Type-A 1 x Kensington Lock (Side)
Back I/O Ports	2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 2 x USB 3.2 Gen2 Type-A 2 x HDMI 2.1 (TMDS Compatible) 2 x RJ45 LAN 1 x DC-in	2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 2 x USB 3.2 Gen2 Type-A 2 x DP 2.1 2 x RJ45 LAN 1 x DC-in 2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 2 x USB 3.2 Gen 2 Type-A 2 x HDMI 2.1 (TMDS Compatible) 2 x RJ45 LAN 1 x DC-in	2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 2 x USB 3.2 Gen2 Type-A 2 x HDMI 2.1 (TMDS Compatible) 2 x RJ45 LAN 1 x DC-in 2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 2 x USB 3.2 Gen2 Type-A 2 x DP 2.1 2 x RJ45 LAN 1 x DC-in
Power Supply	19VDC, 6.32A, 120W Power Adapter 19.5VDC, 7.7A, 150W Power Adapter	19VDC, 6.32A, 120W Power Adapter 19.5VDC, 7.7A, 150W Power Adapter	19VDC, 6.32A, 120W Power Adapter 19.5VDC, 7.7A, 150W Power Adapter
Dimensions (W x D x H)	144mm x 117mm x 42mm	144mm x 117mm x 42mm	138mm x 117mm x 32mm
Weight	910g	730g	330g
ID	Black, With ASUS LOGO	Black, Without ASUS LOGO Black, With ASUS LOGO	Board ID
Accessories	AC Adapter+Power Cord VESA Bracket and Screws Cable Clip Safety/Caution/Regulatory	AC Adapter+Power Cord VESA Bracket and Screws Cable Clip Safety/Caution/Regulatory	Warranty Card Safety/Warning Label Insert

Insert
Warranty Card

*Power cord included is
region specific, and some
SKUs do not include the
power cord

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Operating Temperature

Operati
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40°C to
Humidit
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