

Intel BLKDN2800MT motherboard Intel® NM10 Express BGA 559 mini ITX

Brand : Intel

Product code: BLKDN2800MT

Product name : BLKDN2800MT



Desktop Board DN2800MT

Intel BLKDN2800MT motherboard Intel® NM10 Express BGA 559 mini ITX:

Intel® Desktop Board DN2800MT is integrated with the new Intel® Atom™ processor D2800 and the Intel® NM10 Express Chipset to offer a thin mini-ITX desktop computer system. The board features a 10/100/1000 integrated Intel® LAN, 1080 high-definition playback with HDMI, and Intel® High Definition Audio (Intel® HD Audio).

With the new low-power silicon, the Intel Desktop Board DN2800MT can be used in chassis that require no fan for heat dissipation. This board is designed for ultra small form factor (~1 liter) and All-In-One chassis.

While this desktop board is small in size, it delivers a rich multimedia and Internet experience with the support of 1080 high-definition video playback.



| Processor | | Features | |
|--|---|--|-------------|
| Processor manufacturer * | Intel | Component for * | PC |
| Processor socket * | BGA 559 | Motherboard form factor * | mini ITX |
| Compatible processor series * | Intel Atom® | Motherboard chipset family * | Intel |
| Maximum internal memory supported by processor | 4 GB | Cooling type | Passive |
| ECC supported by processor | ✗ | Power source type | ATX, DC |
| Product family | Desktop board | DC input voltage | 12 V |
| Product series | Intel® Desktop Boards with Intel Atom® Processors | Market segment | Desktop |
| Memory | | Expansion slots | |
| Supported memory types * | DDR3-SDRAM | PCI Express x1 slots | 1 |
| Number of memory slots * | 2 | PCI Express x1 (Gen 2.x) slots | 1 |
| Memory slots type | SO-DIMM | Mini PCI Express slots | 2 |
| Memory channels | Single-channel | PCI Express slots version | 2.0 |
| Memory voltage | 1.5 V | Mini PCI Express slot (full length) | 1 |
| ECC | ✗ | Mini PCI Express slot (half-length) | 1 |
| Non-ECC | ✓ | BIOS | |
| Supported memory clock speeds | 800,1066 MHz | BIOS memory size | 64 Mbit |
| Maximum internal memory * | 4 GB | Processor special features | |
| Supported memory module capacities | 2GB | Intel Dual Display Capable Technology | ✓ |
| Storage controllers | | Intel® High Definition Audio (Intel® HD Audio) | ✓ |
| Supported storage drive interfaces * | SATA II | Operational conditions | |
| Graphics | | Storage temperature (T-T) | -20 - 70 °C |
| Parallel processing technology support * | Not supported | Operating temperature (T-T) | 0 - 50 °C |
| On-board graphics card | ✓ | Logistics data | |
| Graphics card family | Intel | Harmonized System (HS) code | 8471500150 |
| Discrete graphics support | ✗ | Weight & dimensions | |
| Number of displays supported | 2 | Width | 170 mm |
| Internal I/O | | Depth | 170 mm |
| USB 2.0 connectors * | 4 | Other features | |
| Number of SATA connectors | 2 | Maximum internal memory | 4096 MB |
| Total number of SATA connectors | 2 | Number of DIMM slots | 2 |
| S/PDIF out connector | ✓ | Serial port via internal header | ✓ |

| Internal I/O | | Other features | |
|------------------------------|---------------------|--|------------------------------|
| Front panel audio connector | ✓ | Parallel port via internal header | ✓ |
| Parallel connector | ✓ | Embedded options available | ✗ |
| Rear panel I/O ports | | Discrete graphics card model | None |
| USB 2.0 ports quantity * | 4 | Graphics output | LVDS eDP HDMI VGA |
| Ethernet LAN (RJ-45) ports * | 1 | Audio channels | 2.2 |
| VGA (D-Sub) ports quantity * | 1 | Commodity Classification Automated Tracking System (CCATS) | NA |
| HDMI ports quantity * | 1 | Motherboard ARK ID | 56455 |
| Headphone outputs | 1 | Technical details | |
| Microphone in | ✓ | Born on date | Q1'12 |
| S/PDIF out port | ✓ | DC input capable | ✓ |
| Parallel ports quantity | 1 | Launch date | Q1'12 |
| Serial ports quantity | 2 | Product name | Intel Desktop Board DN2800MT |
| Network | | Product type | Desktop Board |
| Ethernet LAN | ✓ | Status | Discontinued |
| Ethernet interface type | Gigabit Ethernet | USB ports quantity | 8 |
| LAN controller | Intel® 82574L | USB version | 2.0 |
| Wi-Fi * | ✗ | Maximum memory | 4 GB |
| Bluetooth | ✗ | Supported RAID configuration | N/A |
| Networking features | Gigabit Ethernet | Last change | 63903513 |
| Features | | Form factor | Mini-ITX |
| Motherboard chipset * | Intel® NM10 Express | | |
| Audio output channels * | 4.0 channels | | |



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