# ThinkCentre M600 Tiny Platform Specifications

*Product Specifications Reference (PSREF)*

**Processor**

Intel® Celeron® Processor N3000 Series or Intel Pentium® Processor N3000 Series

| Processor | Cores / Threads | Frequency (Base/Max) | Cache | Memory Types | Integrated Graphics |
|---|---|---|---|---|---|
| Celeron N3000 | 2 / 2 | 1.04 / 2.08 GHz | 2MB | DDR3L-1600 | Intel HD |
| Celeron N3050 | 2 / 2 | 1.6 / 2.16 GHz | 2MB | DDR3L-1600 | Intel HD |
| Pentium N3700 | 4 / 4 | 1.6 / 2.4 GHz | 2MB | DDR3L-1600 | Intel HD |

**Chipset**

Intel Architecture (IA) SoC that integrates Intel processor core, graphics, memory controller, and I/O interfaces into a single system-on-chip solution

**Graphics**

Intel HD Graphics in processor, uses main memory, DirectX® 11.1, twoDisplayPort™, one optional 3rd DP or VGA, supports triple independent display; Maximum resolution: 3840x2160(DP)@30Hz; 1920x1200(optional VGA)@60Hz; 1920x1080(DP to VGA dongle)@60Hz; 1920x1080(DP to DVI dongle)@60Hz; 3840x2160(DP to HDMI dongle)@30Hz

**Monitor cable**

Optional DP to VGA, DP to DVI-D (single link), or DP to HDMI 1.4 dongle

**Memory**

8GB max / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM socket

**Storage**

*Some:* M.2 Solid State Drive (SSD), SATA interface
*Some:* hard disk, 5400 or 7200 rpm, SATA 6.0Gb/s, 2.5" Wide
*Some:* 500GB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide
*Some:* Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide

**Optical**

*Some:* external ODD box with DVD-ROM, 9.5mm high, via USB
*Some:* external ODD box with DVD±RW, 9.5mm high, via USB
*Some:* external ODD box (for TIO) with DVD-ROM, 9.5mm high, via USB
*Some:* external ODD box (for TIO) with DVD±RW, 9.5mm high, via USB

**Onboard SATA**

SATA 6.0Gb/s controller, one connectors on planar

**Media reader**

None

**Front ports**

Two USB 3.0 (one is Always On and fast charge), one microphone (stereo, 3.5mm), one headphone / microphone combo jack (stereo, 3.5mm)

**Rear ports**

Two USB 2.0, two USB 3.0 (optional external optical box or I/O box occupies one or two specific USB on some models), ethernet (RJ-45), two DisplayPort, one optional port (VGA, 3rd DP, or serial on some models), one headphone; additional four serial (9-pin), one parallel (25-pin), and two PS/2 ports on 2L models

**I/O box**

Optional external I/O box, extends two USB 2.0, two USB 3.0, and one serial on rear, two USB 2.0 on front, via USB (occupy two specific USB 3.0 of M600 Tiny)

**Audio support**

High Definition (HD) Audio, Realtek ALC223 / optional internal speaker (1 watt)

**WLAN**[13]

*Some:* 11ac wireless, M.2 Card, Realtek RTL8821AE (dual band), Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Qualcomm Atheros QCA9377 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Qualcomm Atheros QCA6174 (dual band), Wi-Fi + Bluetooth 4.1 combo adapter, 2x2
*Some:* 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
*Some:* 11ac wireless, M.2 Card, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth 4.1 combo adapter, 2x2

**Bluetooth™**

*Some:* Bluetooth 4.0 or 4.1 wireless, integrated in Wi-Fi + BT combo adapter

**Ethernet**

One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN®

**Modem**

None

**Manageability**

None

**Security chip**

Trusted Platform Module, TCG 1.2-compliant

**Security features**

- Security slot (in rear for optional Kensington® MicroSaver® cable)
- Padlock loop
- Smart USB protection, allows keyboard/ mouse only, blocks all storage devices
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard and mouse
- Individual USB port disablement
- Chassis intrusion switch

**Keyboard**

*Some:* PS/2 Keyboard (PS/2 connector), Lenovo logo
*Some:* Preferred Pro USB Keyboard (USB connector), Lenovo logo
*Some:* Lenovo USB Fingerprint Keyboard (USB connector)
*Some:* Ultraslim Plus Wireless Keyboard (2.4GHz via USB receiver), black

**Mouse**

*Some:* PS/2 Optical Wheel Mouse, black, Lenovo logo
*Some:* Enhanced Optical USB Mouse, black, Lenovo logo
*Some:* Ultraslim Plus Wireless Mouse (2.4GHz via USB receiver), black

**Mechanical**

- Tiny (1L or 2L), black color; metal case

| | Dimensions (WxDxH) | Max weight (lb / kg) |
|---|---|---|
| M600 Tiny only (1L) | 7.05" X 7.20" X 1.36"<br>179mm X 182.9mm X 34.5mm | 2.9 lb (1.3 kg) |
| M600 Tiny only (2L) | 7.05" X 7.20" X 3.15"<br>179mm X 182.9mm X 80mm | 4.2 lb (1.9 kg) |
| M600 Tiny (1L) with VESA mount & ODD box | 7.42" X 7.30" X 2.48"<br>188.4mm X 185.38mm X 63mm | 4.12 lb (1.87 kg) |
| M600 Tiny (1L) with VESA mount & I/O box | 7.42" X 7.30" X 2.62"<br>188.4mm X 185.38mm X 66.6mm | 3.53 lb (1.6 kg) |

**VESA mount**

Optional VESA mount bracket kit, supports VESA 75mm and 100mm

**Floor Stand**

Optional system floor stand for vertical orientation

**Power supply**

65 watts AC/DC adapter, autosensing, 88% PSU (not included for TIO models)
90 watts AC/DC adapter, autosensing, 88% PSU (only for models with I/O box)

**Limited warranty**[3]

*Some:* 1-year or 3-year, depot service / service upgrades available
*Some:* 1-year or 3-year, limited onsite service / service upgrades available
*Some:* 3-year, limited onsite service, OID (Onsite International Delivery) / service upgrades available

*For Lenovo service upgrade options, please go to S-TC sheet*

**Preload**

*Some:* Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64-bit
*Some:* Windows 7 Professional 64
*Some:* Windows® 10 Pro 64-bit
*Some:* Windows 10 Home 64-bit
*Some:* Windows® Embedded Standard 7 (WES 7)
*Some:* LeTOS (Lenovo Terminal Operating System, Linux-based)

Preloaded applications (only some listed)

- Desktop Power Manager
- Lenovo Solution Center
- Lenovo REACHit
- Lenovo SHAREit
- Lenovo Bluetooth Lock
- McAfee® LiveSafe™ (30-day trial)
- Microsoft Office preloaded; purchase a product key to activate
- PowerDVD Create (DVD±RW)
- Lenovo ThinkVantage Tools

- Only for Window 10

- Lenovo Companion (Win10)
- Cyberlink PowerDVD (DVD, DVD±RW)
- Lenovo QuickOptimizer

- Only for Window 7

- Rescue and Recovery
- Password Manager
- ThinkVantage System Update
- Lenovo Message Center Plus
- Adobe® Reader®

Preloaded applications (only some listed)

- WES 7 only:
- RDP Client (RDP 8.1 support)
- Citrix Client
- VMware Client
- Internet Explorer 11
- Java
- Flash
- .Net Framework
- Microsoft® Silverlight
- Echo Agent (client for LTM, Lenovo Thin Client Manager)
- Adobe Reader
- UltraVNC

- LeTOS only:

- xFreeRDP
- Citrix ICA Client
- VMware View Client
- Java
- Mozilla Firefox

**Environment**

ENERGY STAR® 6.0*, EPEAT™ Gold rating* (*for Windows models only); GREENGUARD®; RoHS-compliant; Cisco EnergyWise compatible; ErP Lot 3

**Accessories**

For compatible accessories, please go to TC-AQP sheet

See footnotes for more detailed information

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| Model | 10G90015US |
| --- | --- |
| Product | M600 Tiny |
| Region | US |
| Machine Type | 10G9 |
| TopSeller | TopSeller |
| Case 1L/2L | 1L |
| Processor | Pentium N3700 |
| Memory | 4GBx1 |
| Graphics | Intel HD |
| Storage | 500GB 7200 |
| External Optical / I/O box | None |
| WLAN | Intel 3165 ac |
| Optional Port | VGA |
| Monitor Cable | None |
| Chassis Intrusion Switch | Switch |
| Floor Stand | Stand |
| VESA Mount | None |
| Keyboard/Mouse | USB |
| Internal Speaker | Speaker |
| Power Supply | 65W |
| Kensington Cable Lock | None |
| Preload | Win10 Pro64 |
| Base Warranty (year) | 1-onsite |
| Global | No |
| Ann Date (mm/yy) | 05/16 |

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COM 3
COM 4
COM 2
COM 1