

# Model 1688 L

open  thinclient®

## Technical Data

### CPU

1.60 GHz Intel® Celeron® N3160 QuadCore  
(fanless, passiv cooled)

### Chipset

Intel® Corporation Braswell

### RAM

2 GB, DDR3L SO-DIMM  
(max. 8 GB)

### Graphics

Chip: Intel® HD Graphics 400  
Resolution: max. 3840x2160  
Color depth: max. 32 Bit

### LAN

10/100/1000 MBit/s  
supports PXE-boot

### Front side connectors

2x USB (3.0)  
1x USB (2.0)  
1x Line-out, 1x Microphone

### Back side connectors

1x Ethernet RJ45  
2x USB (2.0)  
1x HDMI  
2x DP  
1x DC Power supply

### Connectors in footstand

2x USB (2.0)

### Local Storage

1x Onboard eMMC 8GB  
1x mSATA-Connector

### Audio

1x internal 2W speaker

### Power supply and consumption

12V DC-in  
ca. 5 Watt power input  
External power supply 100-240V @ 50-60 Hz

### Weight and dimensions

190mmx50mmx150mm (h×w×d)  
890g (only thinclient without accessory)

### Environment

0° - 35° environment temperature  
20% - 80% humidity

### Warranty

12 months bring-in (B2B)

### Approval

CE, FCC, RoHS, WEEE

### Accessories

Footstand  
Kensington-lock

### Accessories (optional)

WLAN-module  
VESA-mount-kit  
Keyboard, Mouse  
Extended warranties up to 24, 36, 48, 60 months

### Recommended thinclient-software

openthinclient OS, version Pales (2.2) or higher

The **Model 1688 L** is a powerful thinclient with a small casing.

The new Intel-Celeron-processor family with QuadCore guarantees high computing performance combined with **low power consumption**. The thinclients are principally **fanless** and **noiseless**.

**3 display connectors**, a stable shaply casing or the footstand with speaker and USB-connectors make this client **universally** useful as office workplace or in a production environment.

With the centralized management software\* the openthinclient® model 1688 L **boots** via the **network** (PXE). By using the onboard integrated flash memory, the thinclient is able to boot **locally** - after the appropriate configuration in the management software\*

\*= Thinclient is delivered without an operating system and without management software.



Front View



Back View

### Recommended purpose:

Server based Computing

Access to virtual desktops (VDI)

Applications over the network  
(Cloud computing)

Run local applications  
(e.g. web browser, host emulator  
or office applications)