

# LQ+50 Thin Client

## High Performance Thin Computing



Front View

Rear Panel

The high-performance, Itona LQ+ series thin client range provides a complete desktop experience with superior multi-media and graphics capabilities. Incorporating the latest AMD Kabini SoC quad-core platform with built-in Radeon HD 8330 GPU, the LQ series includes Display and HDMI Ports and two USB 3.0 ports for SuperSpeed data transfer. The LQ+ series also boasts a PCIe add-on slot for network, sound and video cards.

The LQ+ series is not only powerful and feature-rich, but is also environmentally-friendly and durable. The efficient, external, power supply also ensures a low and reliable power consumption.

Incorporating an impressive three-year warranty, backed by a comprehensive worldwide support network, the LQ+ series also supports Fusion Universal Device Manager (UDM) Professional software, which comes as standard.

The Itona LQ+ series represents an unbeatable combination of affordability, quality, performance and service.

## Key Features

- Windows® 10 IoT Enterprise 64 bit
- AMD Kabini A4-5000 Quad Core SoC for a rich multimedia and graphics experience
- Built-in Radeon HD 8330 graphics processor
- Highly reliable design
- RAM: DDR3 1600/1333 MHz through 2 x SO-DIMM slot
- Four USB 2.0 ports (2 Front/2 Rear)
- Two SuperSpeed USB 3.0 ports (Rear)
- Built-in Gigabit Ethernet networking
- Dual display support with a maximum resolution of 1920 x 1200 @ 32 bpp
- Built-in speaker
- Provision for PCIe X1 or PCI X16 add-on card
- VESA mounting pack available as a option
- Fusion Universal Device Manager Professional included



## Technical specification

### Operating System

- Windows® 10 IoT Enterprise 64 bit

### Processor

- AMD Kabini A4-5000 Quad Core 1.5 GHz SoC
- 2MB shared L2 Cache
- Built-in Radeon HD 8330 Graphics Processor

### System Memory

- RAM: 4 GB DDR3 1333 MHz SO-DIMM. upgradable upto 8 GB (with two SODIMM Slot)
- Flash: 32 GB

### Display Support

- Display Data Control (DDC) for automatic setting of resolution and refresh rate
- Dual monitors supported with two independent full resolution
- Display Resolution (Max):
  - VGA : 1920 x 1200 , 60 Hz 16/32 bit colour
  - HDMI: 1920 x 1200 , 60 Hz 16/32 bit colour
  - DP : 2560 x 1600 , 60 Hz 16/32 bit colour

### Rear Panel

- 1 x DC in connector
- 1 x Gigabit RJ45 Port
- 1 x VGA Port
- 1 x HDMI (HDMI to DVI converter cable included)
- 1 x Display Port
- 2 x USB 2.0
- 2 x USB 3.0

### Front Panel

- Power Button
- Link LED
- HDD LED
- 2 x USB 2.0 ports
- 2 x USB 2.0 (Secure Compartment)
- Mic
- Headphone

### Internal Features

- PCIe X1 or PCIe X16 add-on card supported
- Mono speaker

### External Power Adapter

- Worldwide auto-sensing 100-240 V AC
- DC output 65W, 19V

### Power Consumption

- Idle state (long): 7.07 W
- Sleep state : 1.74 W (without EuP)
- Off state: 1.46 W (without EuP)

### Networking

- Auto-sensing 10/100/1000 Mbps Gigabit LAN
- Wake On LAN and Wake on USB KBD/Mouse

### Operating Environment

- Operating Temperature: 0 to 40°C
- Storage Temperature: -20 to 60°C
- Humidity: 20% to 80% maximum, non-condensing

### Optional Accessories

- Internal USB WLAN through secure USB compartment
- mPCIe WLAN with external antenna
- Display Port to DVI, HDMI, VGA converter cables HDMI to DVI-D Converter cable
- VESA Dock (100x100 or 75x75 mounting holes)

### Physical Characteristics

#### Dimension (HxDxW):

- Without stand: 201x222x56 mm
- Weight : 1.4 kg (with stand)

### Regulatory Compliance

#### Safety and EMC:

- CE, FCC, cTUVus, TUV-GS, RCM, VCCI, BIS

### Energy and Environment:

- Energy Star, WEEE, RoHS

### Warranty

- Three years limited warranty

### Software Support

- Internet Explorer 11
- RDP Client 10
- Windows Media Player 12
- Citrix Receiver 4.3
- VMware Horizon View 3.4
- Adobe Flash Player 16
- .Net Framework 4.5
- Direct X 12.0
- Lync VDI 2013
- Ultra VNC 1.2.0.4
- HTML /MHTML Support
- Embedded Boot Experience

### Server OS Compatibility/Support

- Citrix XenApp 5 and later
- Citrix XenDesktop 3 and later
- Citrix Presentation Server 4.0 and later
- Windows Server 2003
- Windows Server 2008r2 Terminal Services
- Windows 2012 Server Remote Desktop services
- VMware Horizon View Virtual Desktop Infrastructure

### Setup and Configuration

- Boot from local flash
- Windows 10 User Interface Language: US English (Default),
- Optional add-ons: French, German, Spanish, Italian, Dutch, Turkish, Japanese
- Keyboard Language support: US English Standard (Default) and 40 other languages supported

### Remote Management Tools

- Fusion Universal Device Manager (UDM) Professional
- Microsoft SCCM 2012 R2

### Security Features

- Smart Card
- Auto Logon Manager
- 802.1X
- Unified Write Filter
- Microsoft Firewall
- Windows Defender
- USB Security Manager
- BitLocker Drive Encryption
- AppLocker

## Part Numbers

LQ+50-F11R8-----32GB Flash / 4GB RAM

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