

IQB50-A Thin Client

High Performance Thin Computing



4K
DISPLAY
Support



The Itona IQB-A series is a flexible and high performance thin client designed to deliver excellent multimedia and graphics capabilities. The Itona IQB-A series combines superior build quality with advanced features, including 4K dual displays, six USB ports and a powerful Intel® Apollo Lake Celeron™ N3450 Quad core System-on-a Chip (SoC), with a DDR3 memory controller.

An environmentally-friendly device, the Itona IQB-A series efficient external power supply combined with a fan-less design ensures a low power consumption and virtually silent operation.

Itona IQB-A Series includes an impressive three-year warranty backed by a comprehensive worldwide support network. It also comes with Fusion Universal Device Manager (UDM) Professional software as a standard.

The Itona IQB-A series represents an unbeatable combination of affordability, quality, performance and service.

Key Features

- Windows® 10 IoT Enterprise 64 bit
- Intel® Apollo Lake Celeron™ N3450 Quad core SoC for a rich multimedia and graphics experience
- Built-in Intel HD Graphics
- Total 6 USB ports including two superfast USB 3.0 port
- Built-in Gigabit Ethernet networking with full duplex capability
- Dual digital display output (DP and HDMI) with 4K resolution support.
- Built-in Internal Speaker
- VESA mounting pack available as an option
- Fusion Universal Device Manager Professional included
- ENERGY STAR® certified



Technical specification

Operating System

- Windows® 10 IoT Enterprise 64 bit

Processor

- Intel® Apollo Lake Celeron™ N3450 upto 2.2 GHz Quad Core SoC
- 2MB shared L2 Cache
- Built-in Intel HD Graphics Processor upto 700MHz

System Memory

- RAM : 4 GB
(Support upto 8 GB DDR3)
- Flash: 32 GB

Display Support

- Dual digital display outputs with automatic setting of resolution and refresh rate

Display Resolution (Max):

- DP: 4096 x 2160 @60Hz (4K resolutions)
- HDMI: 3840 x 2160 @30Hz (4K resolutions)

Rear Panel

- 1 x DC in connector
- 1 x Gigabit RJ45 Port
- 1 x DP Port
- 1 x HDMI
- 2 x USB 2.0
- 2 x USB 3.0
- 1 x 3 Channel Audio Port (Line Out/Line In/Mic In)

Front Panel

- Power Button
- Flash LED
- 2 x USB 2.0
- Mic
- Headphone

Safeguard USB Device

- Upto 2 x USB 2.0 (In Secure USB Compartment)

Optional (Factory Fit)

- 1 x Serial Port
- 2nd Serial Port or 1 x Parallel Port or 2 x USB 3.0 Ports

External Power Adapter

- Worldwide auto-sensing 100-240 V AC
- DC output 19V , 3.42A

Power Consumption

- Idle state (long): 3.9 W
- Off state: 0.15 W (without WOL)
- Sleep state: 0.66 W

Networking

- Auto-sensing 10/100/1000 Mbps Gigabit LAN
- Wake On LAN

Operating Environment

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

Optional Accessories

- HDMI to DVI-D Converter cable
- Internal Wireless LAN (b/g/n or a/b/g/n/ac)
- VESA Dock (100x100 or 75x75 mounting holes)

Physical Characteristics

Dimension (HxDxW):

- Without stand: 201x222x56 mm
- Weight : 1.3 kg (with stand)

Regulatory Compliance

Safety and EMC:

- CE, FCC

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 HDX Real-time media Engine 2.1
- Citrix Receiver 4.6
- VMware Horizon View 4.4
- Adobe Flash Player 21
- .Net Framework 4.0
- 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 Device Controller
- Performance Monitoring Tool
- BitLocker Drive Encryption
- AppLocker
- Secure Boot

Part Numbers

IQB50 - A F11R8 ----32GB Flash / 4 GB RAM

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