

Hatchcom III (Version 1.55) Computer Specifications
Platinum Controls

CUSTOMER SUPPLIED

Hatchcom Computer Requirements – PTA616 pack (Fibre Optic Installations):

- Pentium 4 1GHz or higher computer
- Windows XP, 7 or 8 Professional or Windows Vista Business (32 or 64 bit)
- 2 GB RAM minimum
- 100 GB hard drive minimum
- CD-ROM drive
- 3 USB ports
- Optional networking system (modem, LAN, WAN, etc.) to connect to remote computer

Hatchcom Computer Requirements – PTA659 pack (Ethernet Installations):

- Pentium 4 1GHz or higher computer
- Windows XP, 7 or 8 Professional or Windows Vista Business (32 or 64 bit)
- 2 GB RAM minimum
- 100 GB hard drive minimum
- CD-ROM drive
- Dedicated 10Base-T Ethernet port
- 1 USB port
- Optional networking system (modem, LAN, WAN, etc.) to connect to remote computer

Optional Remote Computer Requirements:

- Pentium 4 1GHz or higher
- Windows XP, Vista, 7 or 8
- 1 GB RAM minimum
- Networking system (modem, LAN, WAN, etc.) to connect to Hatchcom computer

Optional Equipment:

- Windows supported printer
- Database backup device (DVD or other medium)

Note:

- These are minimum requirements for Hatchcom III. If other programs are running on the computer, these specifications may require adjustment.
- When upgrading from an older version of Hatchcom III a built-in IEEE-1284 Parallel printer port is required for the black Hardlock security key.

HATCHCOM SPECIFICATIONS FOR FIBRE-OPTIC CONNECTION

Material to be supplied by customer

All conduit requirements are to be supplied by the customer.

Hatchery layout showing location of incubation equipment and computer is to be furnished by the customer.

Material to be supplied by Jamesway

Fibre optic hubs and cable will be supplied by Jamesway. The amount of cable required will be determined from the layout plan.

Installation By Customer

Install a ½" conduit from the Hatchcom computer to nearest hub. Leave ample fibre optic cable at the computer for ease of connection.

Notes

Maximum tensile force on cable is 22 pounds (100 N).

Minimum bend radius for fibre optic cable is 1.38" (35 mm).

Consult Jamesway if connection changes are required.

Please direct any questions to Customer Service at 1-519-624-4646.

HATCHCOM SPECIFICATIONS FOR ETHERNET CONNECTION

Material to be supplied by customer

- Unmanaged Ethernet switch with 10Base-T ports (16 or 24 port units recommended). One port is required for each machine, plus additional ports to interconnect the switches
- Category 5e Unshielded Twisted Pair (UTP) cable with 8 conductors
- RJ-45 connector plugs (2 plugs for each incubator or hatcher) and crimp tool

Material to be supplied by Jamesway

Hatchcom software and manual

Installation By Customer

Ethernet switches, to be installed in wiring closet or protective enclosure.

Ethernet cable, connecting the machines and Hatchcom computer to switches.

Notes

Platinum machines can be networked together without Hatchcom connected, allowing global commands and remote access from one machine to any other machine.

Maximum distance from a machine to hub is 100 m (328 ft).

When installing cable use conduit or cable tray, keep cables away from high voltage wiring and light fixtures.

Keep Platinum network separate from office LAN to avoid network congestion. If Hatchcom computer is connected to office LAN, install a second Ethernet adapter in computer.

Please direct any questions to Customer Service at 1-519-624-4646.