



**Gladstone Health & Leisure  
Technical Services**

**Plus2 Environment  
Workstation Recommendations**

**Commercial in Confidence**



## Workstations

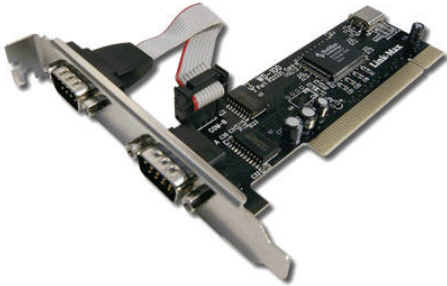
The basic technical specifications of a workstation are not normally an issue. Processor power, memory sizes and disk space are generally very high in modern pcs. The main consideration when selecting a workstation is connectivity of peripheral devices. Serial, Parallel and USB are all common port connection types for peripherals and this needs to be considered when selecting a suitable pc.

Key elements to consider

- Com ports  
Typically pcs are only built with one com port. Additional ports may be required as each serial device attaching to the pc will require a com port.

Additional ports can be obtained by fitting an additional PCI serial expansion card or a USB to Serial converter cable. In either case an appropriate driver is required.

PCI serial card



USB to Serial converter



- Parallel ports  
Additional Parallel ports may be required if using multiple parallel printers e.g. parallel receipt printer and parallel plastic card printer
- USB Ports  
PCs are generally supplied with multiple USB ports. Ensure enough ports are available for devices such as mouse, keyboard, touch screen, printers, cameras, serial converters.

### Workstation specifications

The following specification is suitable for all Plus2 scenarios

<b>Processor</b>	Dual-Core Processor
<b>RAM</b>	1GB or higher
<b>Network Card</b>	10/100 Network Adapter or equivalent
<b>Disk Space</b>	At least 4GB available*
<b>COM Ports</b>	Dependant on peripherals
<b>LPT Port</b>	Dependant on peripherals
<b>Operating System</b>	Microsoft Windows XP Professional

\* 4GB of free space is only required for PCs containing the SQL business continuity database. 1GB of free space is sufficient for other scenarios.

### Additional considerations based on pc function

#### Point of Sale

- Multiple com ports may be required for serial devices
- Additional parallel ports may be required for multiple parallel printers e.g. receipt printers and plastic card printer
- USB ports required for camera, touch screen and USB to serial converters

#### Back Office

- USB port may be required for iBACS security card reader on a finance pc

#### Business Continuity

- This pc will be at point of sale so the same consideration apply as a point of sale pc
- Disk space required to host the Plus2 BC database (max 2GB)

#### Access Control

- Single com port is required per CRC control unit

#### Energy Management

- Single com port is required per Energy control unit