

General Specifications

Mechanical

Material:	Aluminium Chassis Painted Lid
Mounting:	Fixing holes to allow mounting at any angle
Dimensions (mm):	387.65 (W) x 96.5 (H) x 210 (D)
Weight (g):	4Kg

Environmental

Operating Temp.:	0°C to +45°C
Storage Temp.:	-20°C to +80°C
Relative Humidity:	95% non-condensing
Seal:	IP22

Electrical and Electronic

Supply Voltage:	12VDC, 12-18VDC (BT), 24VDC, 9-33VDC, or 95-265VAC
Power Consumption:	35W
Motherboard:	See Appendix A

General

Warranty:	3 year standard return to base Extendable to 5 years if required
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Watchdog

Continually monitors and records internal operating conditions, protecting the hardware. In conditions outside the operating temperature watchdog will prevent start-up. Four rear panel LEDs indicate to the operator the status of fans, internal temperature, motherboard reset and drive activity. See separate datasheet that can be found on our website for more information, located in the Support tab of the product page.

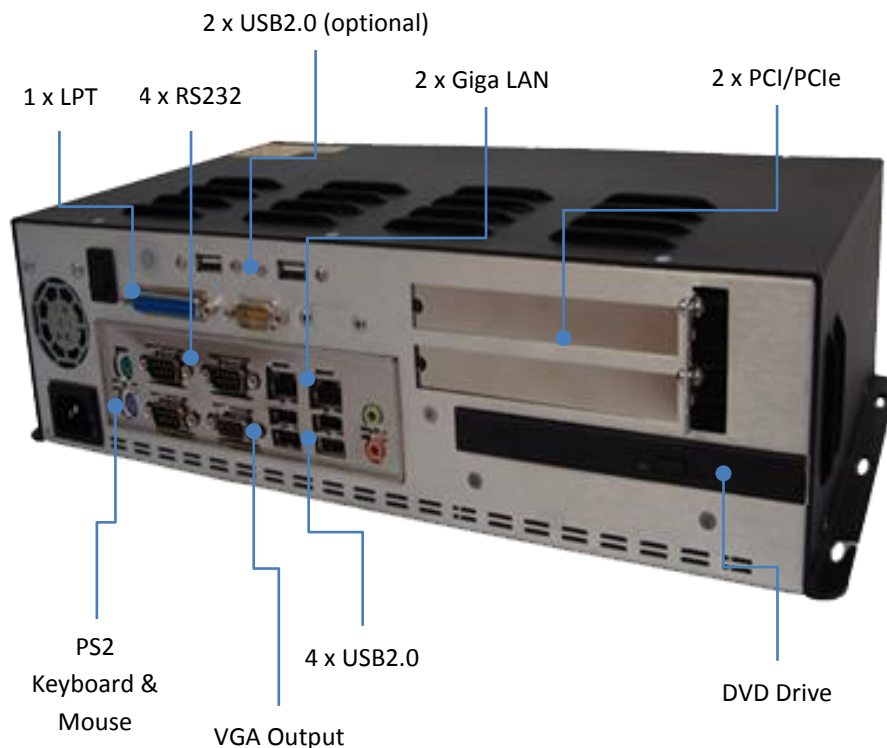
Options and Customisation

Options

KVM Extenders:	Contact CKS for further details
CKS Thin Client:	Based on our standard SB4 product with Windows 7 Embedded
Wi-Fi:	Communication is available via external antenna. Fully compliant with IEEE's security 802.11b or 802.11g (2.4GHz) standards with WPA/WEP support
Mounting:	Wall mount brackets

Customisation

Colour:	Full customisation of case colour and Logos available
OS / Software:	Contact CKS for further details
Output Sockets:	These can be customised to suit your requirements



Appendix A

Motherboard	BT	I7
Form Factor	Mini-ITX	Mini-ITX
CPU	Intel® Baytrail-M/D™ J1900 2.00Ghz Supports Hyper-Threading	Intel® Core™ i7-3610QM 2.30Ghz Supports Hyper-Threading
Core Number	4	4
Chipset	-	Intel® QM77
BIOS	UEFI	Phoenix UEFI Flash BIOS
Graphics	Intel® Gen7 Intel Graphics DX11™ , OGL3.2	Intel® GMA HD4000 DX11™ GFX core (DVMT 5.0)
LVDS	Dual Channel up to 1920 x 1080	Dual Channel up to 1920 x 1080
Display	CRT + LVDS	CRT + LVDS
HDMI	Supports HDMI 1.3a, max resolution 1920 x 1080	-
RAM	Up to 16GB (DDR3-1333)	Up to 16GB (DDR3-1600)
SATA	2 x SATA3 (6.0Gb/s)	4 x SATA3 (6.0Gb/s)
Mini-PCIe	1 x Half-Sized	1 x Full-Sized
m-SATA	1	-
PCI / PCIe	2 x PCIe	2 x PCIe
Serial Ports	3 x RS232/ RS422/485, 1 x RS232	3 x RS232, 1 x RS422/485 // 1 x RS232
USB Ports	2 x USB2, 2 x USB3 // 4 x USB2, 2 x USB3	4 x USB2, 4 x USB3 // 8 x USB2, 4 x USB3
Keyboard	1 x PS2	1 (shared)
Mouse	1 x PS2	1 (shared)
Ethernet	2 x 10/100/1000 Mbps	2 x 10/100/1000 Mbps
Parallel Port	1 x LPT1	1 x LPT1
Audio	HD Audio with 3W Amplifier	HD Audio with 1.2W Amplifier
Power	40W	60W
Storage Media	16GB – 128GB SSD (SLC/MLC) or 500GB HDD	16GB – 128GB SSD (SLC/MLC) or 500GB HDD
Operating System	W7e 32/64-bit, W7 FES 32/64- bit, W10 IoT Enterprise LTSB 32/64-bit, DOS	W7e 64-bit, W7 FES 64-bit, W10 IoT Enterprise LTSB 64-bit, DOS

Dimensions

