

Elite IMO Computer

SYSTEM SPECIFICATIONS

System Characteristics:

- Operating System: Genuine Windows Vista® Business with downgrade to Windows XP Professional custom installed.
- Processor: Intel® Core™ 2 Duo E8600 CPU, 3.33Ghz, 6 MB L2 Cache, 133 MHz FSB - Featuring vPro Technology.
- Chipset: Intel® Q45 Express.
- Memory: 3 GB DDR2 Synch DRAM PC2 6400 (800 MHz) Non-ECC.
- RAID: RAID1 Configuration: Mirrored Pair.
- Hard Drive: 250GB SATA 3.0GB/s with NCQ & Smart IV installed.
- Removable Media: HP SATA SuperMulti LightScribe DVD Writer Drive.
- Expansion Slots: x4 Low Profile Slots
x1 PCI
x2 PCI Express x16
x1 PCI Express x1
- Allocated Exp Slots (Factory): x1 PCIe x16 = NVIDIA Graphics Card
x1 PCIe x16 = FREE
x1 PCIe x1 = FREE
x1 PCI = Parallel Printer Port / FREE
Note:
Parallel Printer can be removed to provide 3 Spare Slots.
- Onboard Graphics: Intel Graphics Media Accelerator 4500 (integrated on chipset).
Note:
Above inoperable due to NVIDIA DH Graphics Card Installed
- Dual Head - Graphics: Dedicated NVIDIA Quadro NVS 290 256MB DH PCIe Card.
- Resolution Support: Dual integrated analog display controllers supporting up to 2 analog monitors at 2048 x 1536 @ 85Hz or 2 digital monitors at 1920 x 1200
- Multi-Monitor Support: Dual Monitor support: configure either Dual DVI or VGA video outputs.
DMS-59 to Dual DVI & DMS-59 to Dual VGA cables supplied.
- Audio: Integrated HD audio with AD11884 codec, internal PC speaker.
- Communications: Integrated Intel® 82567LM Gigabit Network Connection.
- Serial Port: x1 RS232

Input Voltage:

AC Input: 90 to 264VAC 50/60 Hz

Energy Consumption:

- 115V AC Supply: 55.58 W (Normal Operation)
230V AC Supply: 56.06 W (Normal Operation)
115V AC Supply: 2.47 W (Sleep - Energy Star Mode)
230V AC Supply: 2.76 W (Sleep - Energy Star Mode)

Energy Consumption Data based on a typically configured PC without Expansion Cards...

Heat Dissipation:

- 115V AC Supply: 190 BTU/hr (Normal Operation)
230V AC Supply: 192 BTU/hr (Normal Operation)
115V AC Supply: 8 BTU/hr (Sleep)
230 V AC Supply: 9 BTU/hr (Sleep)

Heat Dissipation is calculated based on the measured watts, assuming the service level is attained for one hour...

Environmental:

- Operating Temperature: 50 ~ +95°F / 10 ~ +35°C
Storage Temperature: -22 ~ +140°F / -30 ~ +60°C
Operating Humidity: 10% ~ 90% (Non-Condensing)
Storage Humidity: 5% ~ 95% (Non-Condensing)

Leave at least 100mm (4 inch) clearance on all vented sides of the computer to permit the required airflow.

Connections:

- NVIDIA Video Outputs: DVI x2, VGA x2 via 'Y' Cables
Onboard Video Outputs: VGA & DisplayPort inoperable
USB: x8 Type A
Serial Port: x1 9pin D Type
Mouse: PS/2
Keyboard: PS/2
LAN Ethernet: RJ45 Socket
Printer Parallel Port: 25pin D Type
Audio: Input, Mic (x2) & Headphone (x2)
AC Power Input: IEC Inlet (Fused)

Dimensions:

- Computer & Mounting Kit (inch): 348 (13.7") W x 154 (6.06") H
390 (15.35") D

Shipping:

- Carton Size (cm) & Weight: 59 x 51 x 22 & 14Kg

Certification:

- Type Approvals: ABS, BV, CCS, DNV, GL, LR, NKK, PRS, RINA & IEC 60945.

Limited Warranty:

- Warranty Period: 3 Year

ORDERING CODE

Elite IMO Computer & Mtg Kit: A3-7900-IMO-AC

Type Approvals ONLY valid when Computer is installed in conjunction with Mounting Kit...

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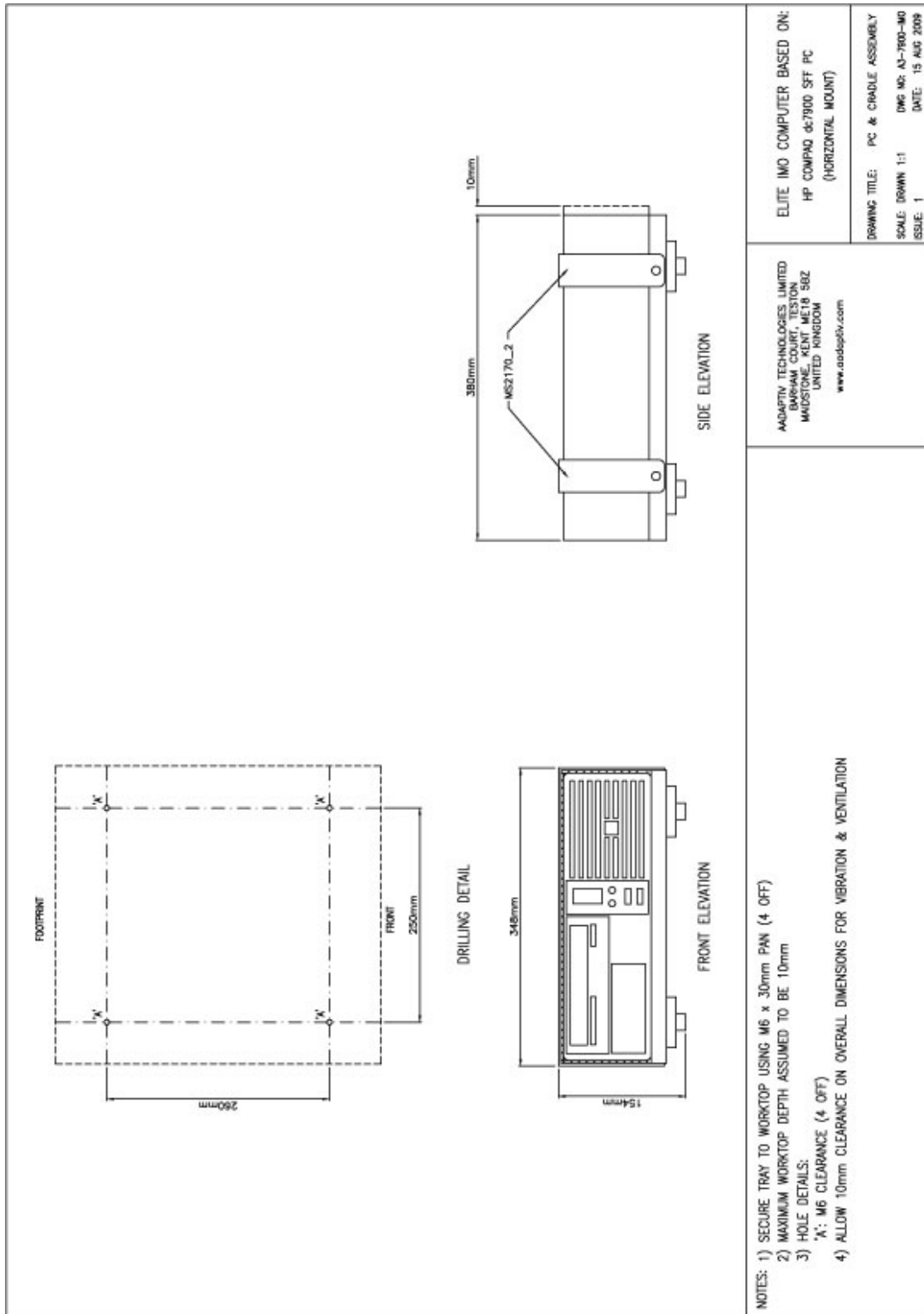
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General Assembly & Dimensions



FOOTPRINT
 250mm
 250mm

DRILLING DETAIL
 348mm
 154mm

FRONT ELEVATION

SIDE ELEVATION
 380mm
 10mm
 MS2170_2

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ELITE IMO COMPUTER BASED ON:
 HP COMPAQ dc7900 SFF PC
 (HORIZONTAL MOUNT)

DRAWING TITLE: PC & CRADLE ASSEMBLY
SCALE: DRAWN 1:1
DWG NO: A3-7900-IMO
DATE: 15 AUG 2009
ISSUE: 1

NOTES:
 1) SECURE TRAY TO WORKTOP USING M6 x 30mm PAN (4 OFF)
 2) MAXIMUM WORKTOP DEPTH ASSUMED TO BE 10mm
 3) HOLE DETAILS:
 'A': M6 CLEARANCE (4 OFF)
 4) ALLOW 10mm CLEARANCE ON OVERALL DIMENSIONS FOR VIBRATION & VENTILATION

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