PRIMARY NETWORKS

Louvar ZX34
Defence Certified Computer

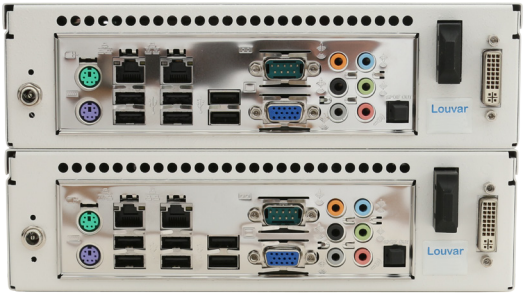
KEY BENEFITS

- Ideal for marine and naval applications.
- Fully certified for defence standards to include shock, vibration, EMC and environmental.
- Rugged design for harsh installations.
- Suitable for crews' quarters and bridge installations with exceptionally low noise and a high reliability design.
- Powerful 4th generation Intel core processors.
- Extremely compact, with flexible mounting options using brackets and mounts.
- Data security and integrity through fibre connectivity and Tempest approvals.
- MIL-STD approved units available.
- Customised configurations available.

The Louvar offers a highly engineered, compact defence certified computer for naval ships around the world. It can be easily deployed around the ship in areas such as the bridge or general crews' quarters. Compliant to all main naval and DEFSTAN standards, it is built for a long working life and provides an excellent return on investment.

The almost quiet operation and with flexible configurations, this high performance machine makes the Louvar the ideal choice.

Model ZX34G-CM3-40 xx



Rugged, Compact, Defence Compliant, Reliable Computing

Specifications

	Model ZX34G-CM3-40 xx
CPU	Intel 4th generation Core, embedded i3 - 4102E, 1.6 Ghz i5 - 4402E, 1.6 to 2.7 Ghz i7 - 4700EQ, 2.4 to 3.4 GHz
Memory	8 GB expandable to 16 GB (2 x DDR3L SO-DIMM)
Hard drives / Disks	SATA 3 (6Gb/s) 2.5" SATA SSD removable hard drive (optional)
DVD/CD	DVD / CD writer (optional)
Storage	120GB SSD (optional 160GB, 240GB or 480 GB)
Graphics	Integrated into CPU HD Graphics
Video	Display Port, DVI-I Capable of Dual monitor support
Expansion	2 x Mini PCIe Slots
LAN	2 x Gigabit LAN ports
USB	2 x USB 2.0 ports (Front Panel) 4 x USB 3.0 ports (Rear I/O Panel)
Optional interface	1 x RS232, 1 x RS232/422/485
Audio	Realtek ALC888 HD Audio. Mini Jack 3.5 Headphones and Microphone
Operating System	Windows 7, 8 and 10, optional Linux

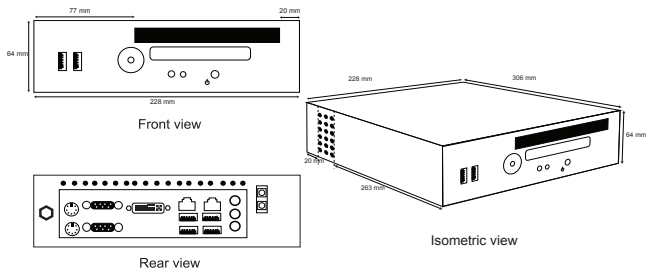
either one or two system cooling fans may be used depending on application.

	Model ZX34G-CM3-40 xx
Power supply	AC Power Adapter
Input Voltage	9-24VDC
Mounting	Desk mount brackets. optional stacking brackets optional rack mount.
Dimensions	65mm H x 280mm W x 360mm H
Weight	3.4Kg steel chassis 2.5 Kg aluminium
Construction	Ruggedised Aluminium alloy chassis (with interlocking lid) and chassis keylock or Ruggedised zinc plated steel chassis (with interlocking lid) and chassis keylock
Operating Temp.	0 to +60 deg C
Storage Temp.	minus 20 deg C to +70 deg C
Certification	see separate panel below.
Ordering Information	Louvar ZX34G-CM3-40-i3 Defence certified computer with i3 - 4102E, 1.6 Ghz CPU Louvar ZX34G-CM3-40-i5 Defence certified computer with i5 - 4402E, 1.6 to 2.7 Ghz CPU Louvar ZX34G-CM3-40-i7 Defence certified computer with i7 - 4700EQ, 2.4 to 3.4 GHz CPU
Optional Accessories	19 inch rack mounting kit Desk mounting kit Stacking kit, Internal DVD drive

Certification

Shock	DEFSTAN 08-120 & BRs 8470-8473
Vibration	DEFSTAN 08-123 data sheet 25 and BR3021 Part II
EMC	DEFSTAN 59-411, EN 55022, EN 55024, EN 6100
Tempest	Def Stan 08-50 , SDIP 27 Level B
Pressure	DEFSTAN 08-123 data sheet 14
Environmental Conditions	DEFSTAN 08-123
Safety	EN 60950, 2006/96/EC
CE	European CE mark.

Technical Details



For a more complete list of certifications, please refer to the datasheet or contact us: technical@primarynetworks.co.uk

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