DynaCOR 30-10

- **Certified: EN50155**
- **Fanless: increased reliability**
- **Powerful: with Core i7**

FEATURES

Fanless, high performance – Ultra low power Intel Core i7

Rugged – Designed for harsh environments, with EN50155 certification

Flexible – GPS, Cellular, Mini PCIe slot, HDMI, gigabit Ethernet

Complete – Comprehensive set of PC peripheral ports

Advanced – Hyperthreading, virtualisation and remote management

- **Rolling Stock server**
- **Media servers**
- **Data concentrators**
- **Asset monitoring**
- **Digital signage**

The DynaCOR 30-10 is an EN50155 certified, high performance and fanless server.

The DynaCOR 30-10 offers new levels of performance using Intel Core i7 low power processors, providing advanced features such as virtualisation, hyperthreading and remote system management.

Designed for fanless operation in vehicles, the DynaCOR 30-10, ensures reliable operation thanks to specially designed heat exchangers that deliver superior thermal performance without increasing the size of the unit.

The DynaCOR 30-10 provides 8GB of RAM, bootable SD Flash memory, two extended temperature HDD with firmware RAID option, GPS and cellular interfaces.

EUROTECH
Imagine. Build. Succeed.

System Architecture

PROCESSOR	Intel® Core™ i7 620UE 1.06GHz	
CHIPSET	Mobile Intel® QM57 Express Chipset	
SUPPORTED OS	Windows Embedded Standard 7, Windows 7 and Fedora Linux	
MEMORY	Up to 8GB	
STORAGE	2x 2.5" SATA bays	
	Extended temperature HDD or SDD	
	Optional firmware RAID	
PCI EXPRESS	2 x PCI Express MiniCard sockets with SIM support	
ETHERNET	1x gigabit Ethernet	
MAINTENANCE INTERFACES	**SERIAL INTERFACES**	2 x RS232
		1 x RS232/RS485/RS422 (software selectable)
	USB	6x USB 2.0
	ETHERNET	1x gigabit Ethernet
	VIDEO	1x HDMI
	AUDIO	Stereo Audio Out
THERMAL SOLUTION	Fanless	
BIOS	Phoenix Trusted Core BIOS	
H/W MONITORING	Software monitoring of temperatures and voltages	
	INTEL Active management technology for system management	
WATCHDOG	Watchdog timer support	
OPERATING TEMPERATURE	Class 1: -25° to +55°C (+70°C for 10 minutes)	
MECHANICAL	1U high, 19" rack mount chassis (352mm deep)	
	Passivated, painted mild steel	
RAILWAY CERTIFICATION	EN50155	
EMC	CE certification	
MOBILE COMMS	Cellular and WiFi options	
POWER SUPPLY OPTIONS	16.8 ~ 31.2VDC (24VDC nominal)	

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