

BM40

ARM Cortex A9 multicore based Book Mounting IPCs



The Book Mounting BM40 is based on the ARM Cortex A9 1GHz dual core processor (i.MX6 DualLite). The plastic case and the aluminium hooking system ensure a reliable fixing on a standard 35mm DIN rail.

The motherboard provides, on the front, one 10/100/1000 Mbps and one 100 Mbps Ethernet ports, two USB 2.0 ports, one RS232/485 serial port, a DVI-D video output and the signaling LEDs. The motherboard also provides an

internal slot for a removable MicroSD memory card, 4GB pseudo-SLC eMMC memory and 1 GB DDR3 RAM. BM40 has an isolated 24 VDC power supply input.

Gallery



Technical data

		BM40
O.S. CERTIFIED		Microsoft Windows Embedded Compact 7 Pro with Datalight Reliance Nitro file system
		Embedded Linux distribution based on Yocto Project
PROCESSOR		ARM Cortex A9 1 GHz i.MX6 DualLite
SYSTEM MEMORY - RAM		1 GB with DDR3 soldered
MASS STORAGE		4 GB eMMC Pseudo-SLC (Solid State Disk) 8bit, file system organization 1 x microSD slot internal access (FAT file system)
LAN		1 x 100 Mbps (RJ45); 1 x 10/100/1000 Mbps (RJ45 - Intel 82574L)
USB		2 x USB 2.0 (Type-A)
SERIAL		1 x RS232/485 isolated (DB15M)
BATTERY		1 x CR2032 Removable (internal)
VIDEO OUTPUT		1 x DVI-D
POWER SUPPLY INPUT		24VDC (18÷36VDC) isolated
CASE	Installation	For book mounting on DIN rail guide
	Material	Aluminium frame and hook, plastic shell
OPERATING TEMPERATURE		0°C÷50°C
APPROVALS		CE, cULus LISTED (61010)



+ Highlights

- Ubiquity remote assistance software providing remote access to the system
- ARM Cortex A9 i.MX6 DualLite processor
- Fanless ARM based book mounting IPC with 0°C÷50°C operating temperature
- Isolated 24 VDC power supply input
- CE, cULus LISTED (61010) certifications