



BM40

fanless

Industrial Automation - Products & Configurations

BM40 BASIC SYSTEM > note 1		POWER [W]
Basic configuration	ARM Cortex A9 i.MX6 DualLite, 1 GHz • 1 GB RAM • 4GB eMMC PseudoSLC • fanless • 24V DC isolated power supply • 1 x RS232/485 isolated (DB15M) • no operating system • 12 month warranty	11
PROCESSOR	Dual core ARM Cortex A9 processor • i.MX6 DualLite • 1 GHz • 400Mhz memory bus • Soldered on board	
WARRANTY	12 months warranty on basic system and its variants	-
OPTIONS		
OPERATING SYSTEM	Microsoft Windows Embedded Compact 7 Pro (license with Microsoft sticker) with Datalight Reliance Nitro file system and with ASEM System Manager	
WARRANTY EXTENSION	Warranty extension from 12 to 18 months on basic system and its variants	
	Warranty extension from 12 to 24 months on basic system and its variants	
	Warranty extension from 12 to 36 months on basic system and its variants	
NOTES		
The power consumptions are calculated considering the maximum absorbed power of each component. The power values does not include the absorbed power of USB devices connected to the ports.		



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Technical Specifications	
Case	Plastic case for DIN rain book mounting • ASEM logo on sticker
Overall dimensions & weight	See details on the related section
Operating System certified	Microsoft Windows Embedded Compact 7 Pro with Datalight Reliance Nitro file system and with ASEM System Manager • Microsoft olographic sticker
Power supply	Input voltage 18÷36V DC • power supply section integrated on board
Motherboard	"All-In-One" type • ASEM R271/A
Processor	ARM Cortex A9 dual core • i.MX6 DualLite • 1 GHz, 400 MHz system memory bus • GPU (Graphic Processor Unit) integrated
System memory	1GB DDR3-800 • Soldered on board
Mass storage	eMMC (Solid State Disk) 4GB PseudoSLC, 8bit, file system organization • for projects and applications
SD slot	1 x Slot MicroSD integrated on board • internal access
Front access interfaces	LAN1: 1 x Ethernet 100 Mbps (RJ45) • LAN2: 1 x Ethernet 10/100/1000 Mbps (RJ45, Intel® 82574L) • 2 x USB 2.0 (Type-A / host) • 1 x DVI-D video output • COM: 1 x RS-232/485 isolated (DB15M)
Environmental specifica	Operating temperature: 0° ÷ +50°C • Storage temperature: -20° ÷ +60°C • Humidity: 80% (non-condensing)
Approvals	CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) • cULus LISTED (61010) pending
Standard warranty	12 months • Warranty management by ASEM headquarters

DIMENSIONS (mm)

