










MEN's family of rugged, vandal-proof, fanless and maintenance-free box PCs is perfectly suited for in-vehicle or industrial applications, meeting the special demands of each market. Box PCs for mobile applications, be it for railway, buses or commercial vehicles are compliant to EN50155, prepared for ISO 7637-2 (E-mark) certification and suited for the extended temperature range of -40°C to +70°C (+85°C for 10 minutes).

Box PCs for Rail & Public Transport

	Dimensions (Housing)	CPU	Graphics Interfaces	Standard Interfaces	Optional Interfaces	Wireless Functions	Memory	Mass Storage	Power Supply
BL51E 	(W) 390 mm (D) 215 mm (H) 66 mm	Intel Atom E3900 series, dual or quad core, up to 1.6 GHz	2 DisplayPort, each up to 4096 x 2160	4 Gb Ethernet, 1 HD Audio, 2 USB 2.0, 1 RS422/485, 1 CAN bus, 4 GPOs, 7 GPIs, 1 RS232, 1 odometer input, GNSS	1 slot for IBIS, RS232, RS485, RS422	4 PCI Express Mini Card slots for WLAN, LTE	Up to 8 GB DDR3 SDRAM	1 SD card slot, 16 GB eMMC, 1 SATA HDD/SSD shuttle	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) incl. ignition Isolated
BC50R 	(W) 220 mm (D) 250 mm (H) 48 mm	AMD Embedded G-Series Dual-Core APU with AMD Radeon HD 6310, up to 1.65 GHz	-	2 Gb Ethernet, 1 USB 2.0, 2 CAN bus, 2 RS232, 2 digital inputs, 2 digital outputs	-	2 PCI Express Mini Card slots for WLAN, LTE GPS, GLONASS onboard	Up to 4 GB DDR3 SDRAM	1 SD card slot, 1 mSATA slot	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) class S2, incl. ignition Isolated
BC50M 	(W) 220 mm (D) 240 mm (H) 44 mm	AMD Embedded G-Series Dual-Core APU with AMD Radeon HD 6310, up to 1.65 GHz	2 DisplayPort, each up to 2560 x 1600	2 Gb Ethernet, 1 USB 2.0, 1 HD Audio	2 slots for IBIS, GPS, RS232, RS485, RS422, CAN bus	2 PCI Express Mini Card slots for WLAN, LTE	Up to 4 GB DDR3 SDRAM	1 SD card slot, 1 mSATA slot, 1 SATA HDD/SSD port	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) class S2, incl. ignition Isolated
BL50S 	(W) 390 mm (D) 215 mm (H) 66 mm	AMD Embedded G-Series Dual-Core APU with AMD Radeon HD 6310, up to 1.65 GHz	1 DisplayPort, up to 2560 x 1600	4-port Gb Ethernet switch, 1 Gb Ethernet uplink, 2 USB 2.0	2 slots for IBIS, RS232, RS485, RS422, CAN bus, HD Audio	1 PCI Express Mini Card slot for WLAN, LTE	Up to 4 GB DDR3 SDRAM	1 SD card slot, 1 mSATA slot, 2 SATA HDD/SSD shuttles	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) incl. ignition Isolated

	Dimensions (Housing)	CPU	Graphics Interfaces	Standard Interfaces	Optional Interfaces	Wireless Functions	Memory	Mass Storage	Power Supply
BL70S 	(W) 390 mm (D) 215 mm (H) 66 mm	Intel 3rd generation series, up to Core i7-3517UE, (64-bit CPU), 1.7 GHz	1 DisplayPort, up to 2560 x1600	4-port Gb Ethernet switch, 1 Gb Ethernet uplink, 2 USB 2.0	2 slots for IBIS, RS232, RS485, RS422, CAN bus, HD Audio	1 PCI Express Mini Card slot for WLAN, LTE	Up to 16 GB DDR3 SDRAM	1 microSD card slot, 1 mSATA slot, 2 SATA HDD/SSD shuttles	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) incl. ignition Isolated
BL50W 	(W) 390 mm (D) 215 mm (H) 66 mm	AMD Embedded G-Series Dual-Core APU with AMD Radeon HD 6310, up to 1.65 GHz	2 DisplayPort, each up to 2560 x1600	2 Gb Ethernet, 2 USB 2.0, 1 RS232, 1 RS485, 7 GPIs, 4 GPOs, 1 odometer input, 1 IBIS slave interface, 1 GPS interface	3 slots for IBIS, RS232, RS485, RS422, CAN bus, HD Audio	4 PCI Express Mini Card slots for WLAN, LTE	Up to 4 GB DDR3 SDRAM	1 SD card slot, 1 mSATA slot, 1 SATA HDD/SSD port	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) incl. ignition Isolated
BL70W 	(W) 390 mm (D) 215 mm (H) 66 mm	Intel 3rd generation series, up to Core i7-3517UE, (64-bit CPU), 1.7 GHz	2 DisplayPort, each up to 2560 x1600	2 Gb Ethernet, 2 USB 2.0, 1 RS232, 1 RS485, 7 GPIs, 4 GPOs, 1 odometer input, 1 IBIS slave interface, 1 GPS interface	3 slots for IBIS, RS232, RS485, RS422, CAN bus, HD Audio	4 PCI Express Mini Card slots for WLAN, LTE	Up to 16 GB DDR3 SDRAM	1 microSD card slot, 1 mSATA slot, 1 SATA HDD/SSD port	24 VDC and 36 VDC nom. PSU (10 VDC to 50.4 VDC) incl. ignition Isolated

Box PCS for Industrial Automation

	Dimensions (Housing)	CPU	Graphics Interfaces	Standard Interfaces	Optional Interfaces	Wireless Functions	Memory	Mass Storage	Power Supply
BC50F 	(W) 220 mm (D) 240 mm (H) 44 mm	AMD Embedded G-Series Dual-Core APU with AMD Radeon HD 6310, up to 1.65 GHz	2 DisplayPort, each up to 2560 x1600	2 Gb Ethernet, 2 USB 2.0, 2 real-time Ethernet (e.g. PROFINET, EtherCAT)	1 slot for IBIS, GPS, RS232, RS485, RS422, CAN bus	1 PCI Express Mini Card slot for WLAN, LTE	Up to 4 GB DDR3 SDRAM	1 SD card slot, 1 mSATA slot	24 VDC nom. PSU (16 VDC to 36 VDC) Non-isolated
BC50I 	(W) 220 mm (D) 240 mm (H) 44 mm	AMD Embedded G-Series Dual-Core APU with AMD Radeon HD 6310, up to 1.65 GHz	2 DisplayPort, each up to 2560 x1600	2 Gb Ethernet, 2 USB 2.0	2 slots for IBIS, GPS, RS232, RS485, RS422, CAN bus	1 PCI Express Mini Card slot for WLAN, LTE	Up to 4 GB DDR3 SDRAM	1 SD card slot, 1 mSATA slot, 1 SATA HDD/SSD port	24 VDC nom. PSU (16 VDC to 36 VDC) Non-isolated