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**Mini, Green, Powerful
and Energy Efficient**



DMP Electronics Inc, a member of DM&P Group was started in 1989 as an industrial controller designer and manufacturer has focused on kernel technology of x86 embedded in hardware development. Except the standard x86 embedded Single-Board-Computer products, DMP expands services covering the design and manufacture of OEM/ ODM for many years, such as Power Application, ATM, Vending Michines, Medical Equipments, Building Automation Systems, Metering Control Module, Gate Systems, Automatic Cooking Systems, and so on.

To satisfy the increasing needs for Mini PC market, DMP has also introduced many series of EBOX products including EBOX-33xxMX, EBOX-333x Series, EBOX-3100 and DIN PC-333x Series, designed All-in-One module fully compatible with Microsoft® Windows desktop series and Linux O/S; Embedded operating systems such as Windows Embedded Standard and Windows Embedded CE are also supported which can be used for Home Automation, POS, KIOSK devices, Education and Industrial applications; Data storage devices compatible with multiple standards, SD Card, 2.5" SATA HDD or DMP self-designed industrial grade SATA DOM and SATA Slim DOM.

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EBOX-333x Series, VGA, LAN x 1, RS-232

Model Type		EB-3330-SS	EB-3330-C1	EB-3330-C2	EB-3330-C3	EB-3330-C4
		EB-3332-SS	EB-3332-C1	EB-3332-C2	EB-3332-C3	EB-3332-C4
Processor		Vortex86DX2 (933MHz)				
BIOS		AMI BIOS				
Memory		Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series				
VGA		Integrated Graphics Chip/ D-Sub 15-pin				
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)				
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port				
HD Audio		Line out				
I/O	SD Slot	1x				
	SATA	1x				
	COM1	N/A	RS-232	RS-232	RS-232	RS-232
	COM2		RS-232	RS-232	RS-232	RS-232
	COM3		N/A	N/A	RS-232	RS-232
	COM4			N/A	N/A	RS-232
Auto Power On			Yes			
Power		DC +8V ~ +15V				
Dimensions		115 x 115 x 35 mm				
Unit Net Weight		510g				
Operation Temp.		5 ~ 50 °C				
Certifications		CE, FCC, VCCI				
Optional		1. Mic input 2. Internal SD Card slot 3. TTL Level RS-232				
Note		RS-232 COM ports in Full 9pin				



Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 4 ports (Optional)
- Auto Power On support
- Ultra low power

EBOX-333x Series, VGA, LAN x 1, RS-485

Model Type	EB-3330-851	EB-3330-852	EB-3330-851C1	EB-3330-851C2	EB-3330-851C3	EB-3330-852C1	EB-3330-852C2	EB-3330-851221	EB-3330-851221C1	EB-3330-851221C2	
	EB-3332-851	EB-3332-852	EB-3332-851C1	EB-3332-851C2	EB-3332-851C3	EB-3332-852C1	EB-3332-852C2	EB-3332-851221	EB-3332-851221C1	EB-3332-851221C2	
Processor	Vortex86DX2 (933MHz)										
BIOS	AMI BIOS										
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series										
VGA	Integrated Graphics Chip/ D-Sub 15-pin										
Ethernet	10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)										
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port										
HD Audio	Line out										
I/O	SD Slot	1x									
	SATA	1x									
	COM1	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485
	COM2	N/A	RS-485	RS-232	RS-232	RS-232	RS-485	RS-485	RS-422	RS-422	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232	RS-232	N/A	RS-232	RS-232
	COM4				N/A	RS-232	N/A	RS-232		N/A	RS-232
Auto Power On	Yes										
Power	DC +8V ~ +15V										
Dimensions	115 x 115 x 35 mm										
Unit Net Weight	510g										
Operation Temp.	5 ~ 50 °C										
Certifications	CE, FCC, VCCI										
Optional	1. Mic input 2. Internal SD Card slot 3. TTL Level RS-232										
Note	RS-232 COM ports in Full 9pin										





Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 3 ports (Optional)
- RS-485 Up to 2 ports (Optional)
- RS-422 port x 1 (Optional)
- Auto Power On support
- Ultra low power

EBOX-333x Series, VGA, LAN x 1, RS-422

Model Type		EB-3330-221	EB-3330-222	EB-3330-221C1	EB-3330-221C2	EB-3330-221C3	EB-3330-222C1	EB-3330-222C2
		EB-3332-221	EB-3332-222	EB-3332-221C1	EB-3332-221C2	EB-3332-221C3	EB-3332-222C1	EB-3332-222C2
Processor		Vortex86DX2 (933MHz)						
BIOS		AMI BIOS						
Memory		Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series						
VGA		Integrated Graphics Chip/ D-Sub 15-pin						
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)						
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port						
HD Audio		Line out						
I/O	SD Slot	1x						
	SATA	1						
	COM1	RS-422	RS-422	RS-422	RS-422	RS-422	RS-422	RS-422
	COM2	N/A	RS-422	RS-232	RS-232	RS-232	RS-422	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232	RS-232
	COM4				N/A	RS-232	N/A	RS-232
Auto Power On		Yes						
Power		DC +8V ~ +15V						
Dimensions		115 x 115 x 35 mm						
Unit Net Weight		510g						
Operation Temp.		5 ~ 50 °C						
Certifications		CE, FCC, VCCI						
Optional		1. Mic input 2. Internal SD Card slot 3. TTL Level RS-232						
Note		RS-232 COM ports in Full 9pin						



- Features:**
- High performance
 - Fanless design
 - VESA mounting support
 - Vortex86DX2 (933MHz)
 - Onboard 1GB/ 2GB DDR2
 - PXE Diskless Boot
 - 2.5" SATA HDD support
 - SATA DOM support
 - SD, SDHC support
 - WiFi Dongle support (Optional)
 - USB V2.0 port x 3
 - RS-232 Up to 3 ports (Optional)
 - RS-422 Up to 2 ports (Optional)
 - Auto Power On support
 - Ultra low power



EBOX-333x Series, VGA, LAN x 2, RS-232

Model Type	EB-3330-L2SS	EB-3330-L2C1	EB-3330-L2C2	EB-3330-L2C3	EB-3330-L2C4
	EB-3332-L2SS	EB-3332-L2C1	EB-3332-L2C2	EB-3332-L2C3	EB-3332-L2C4
Processor	Vortex86DX2 (933MHz)				
BIOS	AMI BIOS				
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series				
VGA	Integrated Graphics Chip/ D-Sub 15-pin				
Ethernet	10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)				
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port				
HD Audio	Line out				
I/O	SD Slot	1x			
	SATA	1x			
	COM1	RS-232	RS-232	RS-232	RS-232
	COM2	N/A	RS-232	RS-232	RS-232
	COM3		N/A	RS-232	RS-232
	COM4			N/A	RS-232
Auto Power On	Yes				
Power	DC +8V ~ +15V				
Dimensions	115 x 115 x 35 mm				
Unit Net Weight	510g				
Operation Temp.	5 ~ 50 °C				
Certifications	CE, FCC, VCCI				
Optional	1. Mic input 2. Internal SD Card slot 3. TTL Level RS-232				
Note	RS-232 COM ports in Full 9pin				

- Features:**
- High performance
 - Fanless design
 - VESA mounting support
 - Vortex86DX2 (933MHz)
 - Onboard 1GB/ 2GB DDR2
 - PXE Diskless Boot
 - 2.5" SATA HDD support
 - SATA DOM support
 - SD, SDHC support
 - WiFi Dongle support (Optional)
 - USB V2.0 port x 3
 - 10/100 Mbps LAN x 1, 1Gbps LAN x 1
 - RS-232 Up to 4 ports (Optional)
 - Auto Power On support
 - Ultra low power



EBOX-333x Series, VGA, LAN x 2, RS-485

Model Type	EB-3330-L2 851	EB-3330-L2 852	EB-3330-L2 851C1	EB-3330-L2 851C2	EB-3330-L2 851C3	EB-3330-L2 852C1	EB-3330-L2 852C2	EB -3330-L2 851221	3330-L2 851221C1	3330-L2 851221C2	
	EB-3332-L2 851	EB-3332-L2 852	EB-3332-L2 851C1	EB-3332-L2 851C2	EB-3332-L2 851C3	EB-3332-L2 852C1	EB-3332-L2 852C2	EB -3332-L2 851221	3332-L2 851221C1	3332-L2 851221C2	
Processor	Vortex86DX2 (933MHz)										
BIOS	AMI BIOS										
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series										
VGA	Integrated Graphics Chip/ D-Sub 15-pin										
Ethernet	10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)										
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port										
HD Audio	Line out										
I/O	SD Slot	1x									
	SATA	1x									
	COM1	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	
	COM2	N/A	RS-485	RS-232	RS-232	RS-232	RS-485	RS-485	RS-422	RS-422	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232	RS-232	N/A	RS-232	RS-232
	COM4				N/A	RS-232	N/A	RS-232		N/A	RS-232
Auto Power On	Yes										
Power	DC +8V ~ +15V										
Dimensions	115 x 115 x 35 mm										
Unit Net Weight	510g										
Operation Temp.	5 ~ 50 °C										
Certifications	CE, FCC, VCCI										
Optional	1. Mic input 2. Internal SD Card slot 3. TTL Level RS-232										
Note	RS-232 COM ports in Full 9pin										

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- RS-232 Up to 3 ports (Optional)
- RS-485 Up to 2 ports (Optional)
- RS-422 port x 1 (Optional)
- Auto Power On support
- Ultra low power



EBOX-333x Series VGA, LAN x 2, RS-422

Model Type	EB-3330-L2221	EB-3330-L2222	EB-3330-L2221C1	EB-3330-L2221C2	EBO3330-L2221C3	EB-3330-L2222C1	EB-3330-L2222C2
	EB-3332-L2221	EB-3332-L2222	EB-3332-L2221C1	EB-3332-L2221C2	EBO3332-L2221C3	EB-3332-L2222C1	EB-3332-L2222C2
Processor	Vortex86DX2 (933MHz)						
BIOS	AMI BIOS						
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series						
VGA	Integrated Graphics Chip/ D-Sub 15-pin						
Ethernet	10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)						
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port						
HD Audio	Line out						
I/O	SD Slot	1x					
	SATA	1x					
	COM1	RS-422	RS-422	RS-422	RS-422	RS-422	RS-422
	COM2	N/A	RS-422	RS-232	RS-232	RS-232	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232
	COM4				N/A	RS-232	N/A
Auto Power On	Yes						
Power	DC +8V ~ +15V						
Dimensions	115 x 115 x 35 mm						
Unit Net Weight	510g						
Operation Temp.	5 ~ 50 °C						
Certifications	CE, FCC, VCCI						
Optional	1. Mic input 2. Internal SD Card slot 3. TTL Level RS-232						
Note	RS-232 COM ports in Full 9pin						

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- RS-232 Up to 3 ports (Optional)
- RS-422 Up to 2 ports (Optional)
- Auto Power On support
- Ultra low power



EBOX-333x Series, HDMI, LAN x 1, RS-232

Model Type	EB-3330-SSDMI	EB-3330-C1DMI	EB-3330-C2DMI	EB-3330-C3DMI	EB-3330-C4DMI
	EB-3332-SSDMI	EB-3332-C1DMI	EB-3332-C2DMI	EB-3332-C3DMI	EB-3332-C4DMI
Processor	Vortex86DX2 (933MHz)				
BIOS	AMI BIOS				
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series				
VGA	HDMI				
Ethernet	10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)				
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port				
HD Audio	Mic in				
I/O	PS2	PS/2 for Keyboard/ Mouse x 1			
	SD Slot	1x			
	SATA	1x			
	COM1	RS-232	RS-232	RS-232	RS-232
	COM2	N/A	RS-232	RS-232	RS-232
	COM3		N/A	RS-232	RS-232
	COM4		N/A	RS-232	
Auto Power On	Yes				
Power	DC +8V ~ +15V				
Dimensions	115 x 115 x 35 mm				
Unit Net Weight	500g				
Operation Temp.	5 ~ 50 °C				
Certifications	CE, FCC, VCCI				
Optional	1. Line out 2. Internal SD Card slot 3. TTL Level RS-232				
Note	RS-232 COM ports in Full 9pin				





Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- HDMI video output
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 4 ports (Optional)
- Auto Power On support
- Ultra low power

EBOX-333x Series, HDMI, LAN x 1, RS-485

Model Type		EB-3330-851DMI	EB-3330-852DMI	EB-3330-851C1DMI	EB-3330-851C2DMI	EB-3330-851C3DMI	EB-3330-852C1DMI	EB-3330-852C2DMI	3330-851221DMI	3330-851221C1DMI	3330-851221C2DMI
		EB-3332-851DMI	EB-3332-852DM	EB-3332-851C1DMI	EB-3332-851C2DMI	EB-3332-851C3DMI	EB-3332-852C1DMI	EB-3332-852C2DMI	3332-851221DMI	3332-851221C1DMI	3332-851221C2DMI
Processor		Vortex86DX2 (933MHz)									
BIOS		AMI BIOS									
Memory		Onboard 1GB DDR2 for 3330 Serie/ Onboard 2GB DDR2 for 3332 Series									
VGA		HDMI									
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)									
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port									
HD Audio		Mic in									
I/O	PS2	PS/2 for Keyboard/ Mouse x 1									
	SD Slot	1x									
	SATA	1x									
	COM1	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485
	COM2	N/A	RS-485	RS-232	RS-232	RS-232	RS-485	RS-485	RS-422	RS-422	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232	RS-232	N/A	RS-232	RS-232
COM4	N/A				RS-232	N/A	RS-232	N/A		RS-232	
Auto Power On		Yes									
Power		DC +8V ~ +15V									
Dimensions		115 x 115 x 35 mm									
Unit Net Weight		500g									
Operation Temp.		5 ~ 50 °C									
Certifications		CE, FCC, VCCI									
Optional		1. Line out 2. Internal SD Card slot 3. TTL Level RS-232									
Note		RS-232 COM ports in Full 9pin									



Features:

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- Onboard 1GB/ 2GB DDR2
- HDMI video output
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 3 ports (Optional)
- RS-485 Up to 2 ports (Optional)
- RS-422 port x 1 (Optional)
- Auto Power On support
- Ultra low power

EBOX-333x Series, HDMI, LAN x 1, RS-422

Model Type	EB-3330-221DMI	EB-3330-222DMI	EB-3330-221C1DMI	EB-3330-221C2DMI	EB-3330-221C3DMI	EB-3330-222C1DMI	EB-3330-222C2DMI	
	EB-3332-221DMI	EB-3332-222DMI	EB-3332-221C1DMI	EB-3332-221C2DMI	EB-3332-221C3DMI	EB-3332-222C1DMI	EB-3332-222C2DMI	
Processor	Vortex86DX2 (933MHz)							
BIOS	AMI BIOS							
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series							
VGA	HDMI							
Ethernet	10/100 LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)							
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port							
HD Audio	Mic in							
I/O	PS2	PS/2 for Keyboard/ Mouse x 1						
	SD Slot	1x						
	SATA	1x						
	COM1	RS-422	RS-422	RS-422	RS-422	RS-422	RS-422	
	COM2	N/A	RS-422	RS-232	RS-232	RS-232	RS-422	
	COM3		N/A	N/A	RS-232	RS-232	RS-232	
	COM4		N/A		N/A	RS-232	N/A	RS-232
Auto Power On	Yes							
Power	DC +8V ~ +15V							
Dimensions	115 x 115 x 35 mm							
Unit Net Weight	500g							
Operation Temp.	5 ~ 50 °C							
Certifications	CE, FCC, VCCI							
Optional	1. Line out 2. Internal SD Card slot 3. TTL Level RS-232							
Note	RS-232 COM ports in Full 9pin							





Features:

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- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- HDMI video output
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 3 ports (Optional)
- RS-422 Up to 2 ports (Optional)
- Auto Power On support
- Ultra low power

EBOX-333x Series, HDMI, LAN x 2, RS-232

Model Type		EB-3330-L2SSDMI	EB-3330-L2C1DMI	EB-3330-L2C2DMI	EB-3330-L2C3DMI	EB-3330-L2C4DMI
		EB-3332-L2SSDMI	EB-3332-L2C1DMI	EB-3332-L2C2DMI	EB-3332-L2C3DMI	EB-3332-L2C4DMI
Processor		Vortex86DX2 (933MHz)				
BIOS		AMI BIOS				
Memory		Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series				
VGA		HDMI				
Ethernet		10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)				
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port				
HD Audio		Mic in				
I/O	PS2	PS/2 for Keyboard/ Mouse x 1				
	SD Slot	1x				
	SATA	1x				
	COM1	N/A	RS-232	RS-232	RS-232	RS-232
	COM2		N/A	RS-232	RS-232	RS-232
	COM3			N/A	RS-232	RS-232
	COM4			N/A	RS-232	
Auto Power On		Yes				
Power		DC +8V ~ +15V				
Dimensions		115 x 115 x 35 mm				
Unit Net Weight		500g				
Operation Temp.		5 ~ 50 °C				
Certifications		CE, FCC, VCCI				
Optional		1. Line out 2. Internal SD Card slot 3. TTL Level RS-232				
Note		RS-232 COM ports in Full 9pin				



Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- HDMI video output
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- RS-232 Up to 4 ports (Optional)
- Auto Power On support
- Ultra low power

EBOX-333x Series, HDMI, LAN x 2, RS-485

Model Type	EB-3330-L2 851DMI	EB-3330-L2 852DMI	3330- L2 851C1DMI	3330- L2 851C2DMI	3330- L2 851C3DMI	3330- L2 852C1DMI	3330- L2 852C2DMI	3330- L2 851221DMI	3330- L2 851221C1D	3330- L2 851221C2D	
	EB-3332-L2 851DMI	EB-3332-L2 852DMI	3332- L2 851C1DMI	3332- L2 851C2DMI	3332- L2 851C3DMI	3332- L2 852C1DMI	3332- L2 852C2DMI	3332- L2 851221DMI	3332- L2 851221C1D	3332- L2 851221C2D	
Processor	Vortex86DX2 (933MHz)										
BIOS	AMI BIOS										
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series										
VGA	HDMI										
Ethernet	10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)										
USB (2.0)	External: 3 ports (Front x 2, Rear x 1) Internal: 1 port										
HD Audio	Mic in										
I/O	PS2	PS/2 for Keyboard/ Mouse x 1									
	SD Slot	1x									
	SATA	1x									
	COM1	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	RS-485	
	COM2	N/A	RS-485	RS-232	RS-232	RS-232	RS-485	RS-485	RS-422	RS-422	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232	RS-232	N/A	RS-232	RS-232
	COM4				N/A	RS-232	N/A	RS-232		N/A	RS-232
Auto Power On	Yes										
Power	DC +8V ~ +15V										
Dimensions	115 x 115 x 35 mm										
Unit Net Weight	500g										
Operation Temp.	5 ~ 50 °C										
Certifications	CE, FCC, VCCI										
Optional	1. Line out 2. Internal SD Card slot 3. TTL Level RS-232										
Note	RS-232 COM ports in Full 9pin										

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- HDMI video output
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- RS-232 Up to 3 ports (Optional)
- RS-485 Up to 2 ports (Optional)
- RS-422 port x 1 (Optional)
- Auto Power On support
- Ultra low power



EBOX-333x Series, HDMI, LAN x 2, RS-422

Model Type		EB-3330-L2 221DMI	EB-3330-L2 222DMI	3330-L2221C1DMI	3330-L2221C2DMI	3330-L2221C3DMI	3330-L2222C1DMI	3330-L2222C2DMI
		EB-3332-L2 221DMI	EB-3332-L2 222DMI	3332-L2221C1DMI	3332-L2221C2DMI	3332-L2221C3DMI	3332-L2222C1DMI	3332-L2222C2DMI
Processor		Vortex86DX2 (933MHz)						
BIOS		AMI BIOS						
Memory		Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series						
VGA		HDMI						
Ethernet		10/100 LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)						
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port						
HD Audio		Mic in						
I/O	PS2	PS/2 for Keyboard/ Mouse x 1						
	SD Slot	1x						
	SATA	1x						
	COM1	RS-422	RS-422	RS-422	RS-422	RS-422	RS-422	RS-422
	COM2	N/A	RS-422	RS-232	RS-232	RS-232	RS-422	RS-422
	COM3		N/A	N/A	RS-232	RS-232	RS-232	RS-232
	COM4			N/A	RS-232	N/A	RS-232	
Auto Power On		Yes						
Power		DC +8V ~ +15V						
Dimensions		115 x 115 x 35 mm						
Unit Net Weight		500g						
Operation Temp.		5 ~ 50 °C						
Certifications		CE, FCC, VCCI						
Optional		1. Line out 2. Internal SD Card slot 3. TTL Level RS-232						
Note		RS-232 COM ports in Full 9pin						

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- HDMI video output
- PXE Diskless Boot
- 2.5" SATA HDD support
- SATA DOM support
- SD, SDHC support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- RS-232 Up to 3 ports (Optional)
- RS-422 Up to 2 ports (Optional)
- Auto Power On support
- Ultra low power



DIN PC-333x Series

Model Type		D-3330-SS	D-3330-C1851	D-3330-C2	D-3330-C4	D-3330-851221	D-3330-851221C2	D-3330-852	D-3330-852C2	D-3330-221C1	D-3330-222	D-3330-222C2
		D-3332-SS	D-3332-C1851	D-3332-C2	D-3332-C4	D-3332-851221	D-3332-851221C2	D-3332-852	D-3332-852C2	D-3332-221C1	D-3332-222	D-3332-222C2
Processor		Vortex86DX2 (933MHz)										
BIOS		AMI BIOS										
Memory		Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series										
VGA		Integrated Graphics Chip/ D-Sub 15-pin										
Ethernet		10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)										
USB (2.0)		External: 2 ports (Front x 2) Internal: 1 port (space reserved dimension 33 x 20 mm)										
I/O	SD Slot	1x (Internal)										
	SATA	1x										
	COM1	N/A	RS-232	RS-232	RS-232	RS-485	RS-485	RS-485	RS-485	RS-422	RS-422	RS-422
	COM2		RS-485	RS-232	RS-232	RS-422	RS-422	RS-485	RS-485	RS-232	RS-422	RS-422
	COM5		N/A	N/A	RS-232	N/A	RS-232	N/A	RS-232	N/A	N/A	RS-232
	COM6				RS-232		RS-232		RS-232			RS-232
Auto Power On			Yes									
Power		DC +8V ~ +15V (Pluggable Terminal Block 3-Pin 5.00 mm Pitch)										
Dimensions		152 x 104 x 54 mm										
Unit Net Weight		760g										
Operation Temp.		5 ~ 50 °C										
Certifications		CE, FCC, VCCI, Vibration										
Optional		1. Mic input/ Line out 2. TTL Level RS-232										
Note		RS-232 COM ports in Full 9pin										





Features:

- DIN rail mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- PXE Diskless Boot
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- USB V2.0 port x 3
- SD, SDHC support (Internal)
- SATA DOM support (Internal)
- RS-232 Up to 4 ports (Optional)
- RS-485 Up to 2 ports (Optional)
- RS-422 Up to 2 ports (Optional)
- WiFi Dongle support (Optional)
- Auto Power On support
- Pluggable Terminal Block (3-Pin 5.00 mm Pitch)

DIN PC-333x Series, 8-bit GPIO

Model Type	D-3330-C2G2	D-3330-852G2	D-3330-222G2	D-3330-851C1G2	D-3330-221C1G2	D-3330-851221G2
	D-3332-C2G2	D-3332-852G2	D-3332-222G2	D-3332-851C1G2	D-3332-221C1G2	D-3332-851221G2
Processor	Vortex86DX2 (933MHz)					
BIOS	AMI BIOS					
Memory	Onboard 1GB DDR2 for 3330 Series/ Onboard 2GB DDR2 for 3332 Series					
VGA	Integrated Graphics Chip/ D-Sub 15-pin					
Ethernet	10/100 Mbps LAN x 1, 1G LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)					
USB (2.0)	External: 2 ports (Front x 2) Internal: 1 port (space reserved dimension 33 x 20 mm)					
I/O	SD Slot	1x (Internal)				
	SATA	1x				
	COM1	RS-232	RS-485	RS-422	RS-485	RS-422
	COM2	RS-232	RS-485	RS-422	RS-232	RS-422
	GPIO P9	8-bit GPIO	8-bit GPIO	8-bit GPIO	8-bit GPIO	8-bit GPIO
	GPIO P8	8-bit GPIO	8-bit GPIO	8-bit GPIO	8-bit GPIO	8-bit GPIO
Auto Power On	Yes					
Power	DC +8V ~ +15V (Pluggable Terminal Block 3-Pin 5.00 mm Pitch)					
Dimensions	152 x 104 x 54 mm					
Unit Net Weight	760g					
Operation Temp.	5 ~ 50 °C					
Certifications	CE, FCC, VCCI, Vibration					
Optional	1. Mic input/ Line out 2. TTL Level RS-232					
Note	RS-232 COM ports in Full 9pin					



Features:

- DIN rail mounting support
- Vortex86DX2 (933MHz)
- Onboard 1GB/ 2GB DDR2
- PXE Diskless Boot
- 10/100 Mbps LAN x 1, 1Gbps LAN x 1
- USB V2.0 port x 3
- SD, SDHC support (Internal)
- SATA DOM support (Internal)
- RS-232 Up to 2 ports (Optional)
- RS-485 Up to 2 ports (Optional)
- RS-422 Up to 2 ports (Optional)
- 8-bit GPIO port x 2
- WiFi Dongle support (Optional)
- Auto Power On support
- Pluggable Terminal Block (3-Pin 5.00 mm Pitch)

EBOX-3100

Model Type	EBOX-3100
Processor	Vortex86EX (400MHz)
BIOS	SeaBIOS
Memory	Onboard 512MB DDR3
Ethernet	10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)
USB (2.0)	External: 2 ports (Front x 2)
Audio	Mic in and Line out
I/O	SD Slot 1x
	RS-232 1x
Auto Power On	Yes
Power	DC +5V @ 0.45A
Dimensions	78 x 78 x 28 mm
Unit Net Weight	208g
Operation Temp.	5 ~ 50 °C
Certifications	CE, FCC, VCCI
Note	RS-232 COM port in Full 9pin

Features:

- Vortex86EX (400MHz)
- Onboard 512MB DDR3
- No VGA output
- PXE Diskless Boot
- SD, SDHC support
- USB V2.0 port x 2
- COM port x 1
- Auto Power On support
- Ultra low power (consumption less than 2.3W)



EBOX-33xxMX Series, VGA, LAN x 1

Model Type		3300MX	3300MX-M	3300MX-H	3300MX-C	3300MX-C22	3300MX-C85	3300MX-T	3300MX-TM	3300MX-TH	3300MX-TC
		3310MX	3310MX-M	3310MX-H	3310MX-C	3310MX-C22	3310MX-C85	3310MX-T	3310MX-TM	3310MX-TH	3310MX-TC
Processor		Vortex86MX for 3300MX Series/ Vortex86MX+ for 3310MX Series (933MHz)									
BIOS		AMI BIOS									
Memory		Onboard 512MB DDR2 for 3300MX Series/ Onboard 1GB DDR2 for 3310MX Series									
VGA		Integrated Graphics Chip/ D-Sub 15-pin						Integrated Graphics Chip/ RCA Jack			
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)									
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port									
Audio		Mic in and Line out									
I/O	SD Slot	1x									
	SATA	1x	N/A	1x	N/A	N/A	N/A	1x	N/A	1x	N/A
	PS2	PS/2 for Keyboard/ Mouse x 1						N/A			
	RS-232	3x	N/A	N/A	3x	2x	2x	3x	N/A	N/A	3x
	RS-422	N/A	N/A	N/A	N/A	1x	N/A	N/A	N/A	N/A	N/A
	RS-485	N/A	N/A	N/A	N/A	N/A	1x	N/A	N/A	N/A	N/A
Power		DC +8V ~ +15V									
Dimensions		115 x 115 x 35 mm									
Unit Net Weight		500g									
Operation Temp.		5 ~ 50 °C									
Certifications		CE, FCC, VCCI									
Note		COM1 (Full 9pin RS-232), COM2 with Y cable extended to COM3 & COM4 (Support TX & RX signals only)									

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86MX/ Vortex86MX+ (933MHz)
- Onboard 512MB/ 1GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support (Optional)
- SATA DOM support (Optional)
- SD, SDHC support
- TV-Out support (Optional)
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 3 ports (Optional)
- RS-485 port x 1 (Optional)
- RS-422 port x 1 (Optional)
- Ultra low power



EBOX-33xxMX Series, VGA, Auto Power On support

Model Type		3300MX-AP	3300MX-MAP	3300MX-HAP	3300MX-CAP	3300MX-C22AP	3300MX-C85AP
		3310MX-AP	3310MX-MAP	3310MX-HAP	3310MX-CAP	3310MX-C22AP	3310MX-C85AP
Processor		Vortex86MX for 3300MX Series/ Vortex86MX+ for 3310MX Series (933MHz)					
BIOS		AMI BIOS					
Memory		Onboard 512MB DDR2 for 3300MX Series/ Onboard 1GB DDR2 for 3310MX Series					
VGA		Integrated Graphics Chip/ D-Sub 15-pin					
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)					
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port					
Audio		Mic in and Line out					
I/O	SD Slot	1x					
	SATA	1x	N/A	1x	N/A	N/A	N/A
	PS2	PS/2 for Keyboard/ Mouse x 1					
	RS-232	3x	N/A	N/A	3x	2x	2x
	RS-422	N/A	N/A	N/A	N/A	x1	N/A
	RS-485	N/A	N/A	N/A	N/A	N/A	1x
Auto Power On		Yes					
Power		DC +8V ~ +15V					
Dimensions		115 x 115 x 35 mm					
Unit Net Weight		500g					
Operation Temp.		5 ~ 50 °C					
Certifications		CE, FCC, VCCI					
Note		COM1 (Full 9pin RS-232), COM2 with Y cable extended to COM3 & COM4 (Support TX & RX signals only)					



Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86MX/ Vortex86MX+ (933MHz)
- Onboard 512MB/ 1GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support (Optional)
- SATA DOM support (Optional)
- SD, SDHC support
- TV-Out support (Optional)
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 3 ports (Optional)
- RS-485 port x 1 (Optional)
- RS-422 port x 1 (Optional)
- Auto Power On support
- Ultra low power

EBOX-33xxMX Series, VGA, 24-bit GPIO

Model Type		3300MX-G	3300MX-GC22	3300MX-GC85	3300MX-JSK
		3310MX-G	3310MX-GC22	3310MX-GC85	3310MX-JSK
Processor		Vortex86MX for 3300MX Series/ Vortex86MX+ for 3310MX Series (933MHz)			
BIOS		AMI BIOS			
Memory		Onboard 512MB DDR2 for 3300MX Series/ Onboard 1GB DDR2 for 3310MX Series			
VGA		Integrated Graphics Chip/ D-Sub 15-pin			
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)			
USB (2.0)		External: 3 ports (Front x 2, Rear x 1) Internal: 1 port			
Audio		N/A			
GPIO		24-bit GPIO			
I/O	SD Slot	1x			
	SATA	N/A	N/A	N/A	1x
	PS2	PS/2 for Keyboard/ Mouse x 1			
	RS-232	N/A	2x	2x	3x
	RS-422	N/A	1x	N/A	N/A
	RS-485	N/A	N/A	1x	N/A
Auto Power On		Yes			
Power		DC +8V ~ +15V			
Dimensions		115 x 115 x 35 mm			
Unit Net Weight		500g			
Operation Temp.		5 ~ 50 °C			
Certifications		CE, FCC, VCCI			
Note		COM1 (Full 9pin RS-232), COM2 with Y cable extended to COM3 & COM4 (Support TX & RX signals only)			



Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86MX/ Vortex86MX+ (933MHz)
- Onboard 512MB/ 1GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support (Optional)
- SATA DOM support (Optional)
- SD, SDHC support
- GPIO support
- WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 Up to 3 ports (Optional)
- RS-485 port x 1 (Optional)
- RS-422 port x 1 (Optional)
- Auto Power On support
- Ultra low power

EBOX-3310MX Series, VGA, RS-232 x 4 Series, & TV-in

Model Type		EBOX-3310MX-TS4C	EBOX-3310MX-TD4C	EBOX-3310MX-S4C	EBOX-3310MX-D4C
Processor		Vortex86MX+ (933MHz)			
BIOS		AMI BIOS			
Memory		Onboard 1GB DDR2			
VGA		Integrated Graphics Chip/ D-Sub 15-pin & RCA Jack		Integrated Graphics Chip/ D-Sub 15-pin	
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)			
USB (2.0)		External: 5 ports (Front x 4, Rear x 1) Internal: 1 port			
Audio		N/A			
I/O	SD Slot	1x	N/A	1x	N/A
	SATA	N/A	1x	N/A	1x
	PS2	N/A	N/A	1x	1x
	RS-232	4x			
Auto Power On		Yes			
Power		DC +8V ~ +15V			
Dimensions		115 x 115 x 35 mm			
Unit Net Weight		500g			
Operation Temp.		5 ~ 50 °C			
Certifications		CE, FCC, VCCI			
Note		RS-232 COM ports in Full 9pin			

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86MX+ (933MHz)
- Onboard 1GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support (Optional)
- SATA DOM support (Optional)
- SD, SDHC support
- TV-In support (Optional)
- WiFi Dongle support (Optional)
- USB V2.0 port x 6
- RS-232 port x 4
- Auto Power On support
- Ultra low power



EBOX-3310MX Series, VGA, LAN x 3

Model Type		EBOX-3310MX-L3U4	EB-3310MX-L3U4AP
Processor		Vortex86MX+ (933MHz)	
BIOS		AMI BIOS	
Memory		Onboard 1GB DDR2	
VGA		Integrated Graphics Chip/ D-Sub 15-pin	
Ethernet		10/100 Mbps LAN x 3 (RJ-45)	
		LAN 1 support Built-in PXE diskless boot	
		LAN2, LAN3 use Realtek RTL8100B	
USB (2.0)		External: 4 ports (Front x 2, Rear x 2)	
Audio		Mic in and Line out	
I/O	SD Slot	1x	
	SATA	1x	
	PS2	N/A	
	RS-232	1x	
Auto Power On		No	Yes
Power		DC +8V ~ +15V	
Dimensions		115 x 115 x 35 mm	
Unit Net Weight		500g	
Operation Temp.		5 ~ 50 °C	
Certifications		CE, FCC, VCCI	
Note		RS-232 COM ports in Full 9pin	

Features:

- High performance
- Fanless design
- VESA mounting support
- Vortex86MX+ (933MHz)
- Onboard 1GB DDR2
- PXE Diskless Boot
- 2.5" SATA HDD support (Optional)
- SATA DOM support (Optional)
- SD, SDHC support
- USB V2.0 port x 4
- 10/100 Mbps LAN x 3
- RS-232 port x 1
- Auto Power On support (Optional)
- Ultra low power



EBOX-3350MX Series

Model Type		EBOX-3350MX	EBOX-3350MX-AP	EBOX-3350MX-C2	EBOX-3350MX-C2AP
Processor		Vortex86MX (933MHz)			
BIOS		AMI BIOS			
Memory		Onboard 512MB DDR2			
VGA		Integrated Graphics Chip/ D-Sub 15-pin			
Ethernet		10/100 Mbps LAN x 1 (RJ-45 connector, Built-in PXE diskless boot)			
USB (2.0)		External: 3 ports (Front x 2, Rear x 1)			
Audio		Mic in and Line out			
I/O	SD Slot	1x			
	RS-232	N/A	N/A	2x	2x
Auto Power On		N/A	Yes	N/A	Yes
Power		DC +5V @ 2A			
Dimensions		95 x 95 x 20 mm		95 x 95 x 35 mm	
Unit Net Weight		277g		350g	
Operation Temp.		5 ~ 50 °C			
Certifications		CE, FCC, VCCI			
Optional		Internal SD Card slot			
Note		RS-232 COM ports in Full 9pin			

Features:

- High performance
- Fanless design
- VESA mounting support (75x75 mm)
- Vortex86MX (933MHz)
- Onboard 512MB DDR2
- PXE Diskless Boot
- SD, SDHC support
- Internal SD Card slot (Optional)
- External WiFi Dongle support (Optional)
- USB V2.0 port x 3
- RS-232 port x 2 (Optional)
- Auto Power On support (Optional)
- Ultra low power

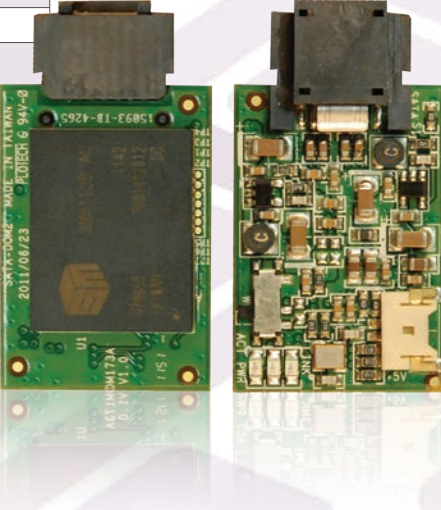


SATA DOM

Model Type		SDM-4G-V		SDM-8G-V		SDM-16G-V	
Capacities		4GB		8GB		16GB	
Interface		Serial ATAII (3.0 Gpbs)					
DATA Transfer Rate	Seq Read	42.06		44.58		53.39	
	Seq Write	6.389		6.490		11.25	
	512KB R.R	41.36		44.19		52.86	
	512KB R.W	6.177		6.271		9.604	
	4KB R.R	8.972		10.53		11.34	
	4KB R.W	0.64		0.61		0.62	
Power Consumption	Operation Mode	Read	Write	Read	Write	Read	Write
	3.3V(mA) Point A	24	36	25	36	26	45
	1.8V(mA) Point B	223	171	230	172	236	174
	Total(mW) A*3.3V+B*1.8V	481	427	497	428	511	462
	Vcc in Total (mW) Point C	525	461	558	497	576	649
Operation Temp.		0 °C ~ +70 °C					
Storage Temp.		-40 °C ~ +85 °C					
Vibration		20G (7~2000MHz)					
DC input Voltage		5V					
Access time		0.3 ms					
Dimensions		30 x 21 x 4.8 mm					

Features:

- Interface: Serial ATAII (3.0 Gpbs)
- Capacity: 4GB~16GB
- Access time: 0.3ms
- Error Correction Function
- Built-in ECC corrects up to 15-bit per 512-Byte



SATA SLIM DOM

Model Type		SDM-SLIM-4G-V		SDM-SLIM-8G-V		SDM-SLIM-16G-V	
Capacities		4GB		8GB		16GB	
Interface		Serial ATAII (3.0 Gpbs)					
DATA Transfer Rate	Seq Read	42.06		44.58		53.39	
	Seq Write	6.389		6.490		11.25	
	512KB R.R	41.36		44.19		52.86	
	512KB R.W	6.177		6.271		9.604	
	4KB R.R	8.972		10.53		11.34	
	4KB R.W	0.64		0.61		0.62	
Power Consumption	Operation Mode	Read	Write	Read	Write	Read	Write
	3.3V(mA) Point A	24	36	25	36	26	45
	1.8V(mA) Point B	223	171	230	172	236	174
	Total(mW) A*3.3V+B*1.8V	481	427	497	428	511	462
	Vcc in Total (mW) Point C	525	461	558	497	576	649
Operation Temp.		0 °C ~ +70 °C					
Storage Temp.		-40 °C ~ +85 °C					
Vibration		20G (7~2000MHz)					
DC input Voltage		5V					
Access time		0.3 ms					
Dimensions		53 x 32 x 4.0 mm					

Features:

- Interface: Serial ATAII (3.0 Gpbs)
- Capacity: 4GB~16GB
- Access time: 0.3ms
- Error Correction Function
- Built-in ECC corrects up to 15-bit per 512-Byte

