![DMP logo]

DMP EBOX-33xxMX Series

Advantages:
* High performance
* VESA standard
* Fan less design
* Long life time cycle
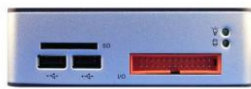* Low power consumption

The EBOX-33xxMX series is fully compatible with Microsoft® Windows desktop series and Linux O/S; also supported embedded operating systems Windows Embedded Standard and Windows Embedded CE can be used for Home Automation, POS, KIOSK and industrial applications. Chassis design with VESA standard holes for mounted to the rear of LCD monitor, small dimension 115 x 115 mm form factor. The unit with ultra low power consumption 10W only, and the fanless design avoid the noise and dust to extend the life cycle of the computer.
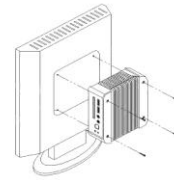
EBOX-33xxMX Standard Version

EBOX-33xxMX-JSK GPIO Version

EBOX-33xxMX rear look

VESA mounting support

Specifications

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									
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)									

(I/O category groups: SD Slot, SATA, PS2, RS-232, RS-422, RS-485)

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)
- 3 x USB V2.0 ports (2 at the front)
- 3 x RS-232 ports (Optional)
- 1 x RS-422 ports (Optional)
- 1 x RS-485 ports (Optional)
- Ultra low power

Model Type	3300MX-AP 3310MX-AP	3300MX-MAP 3310MX-MAP	3300MX-HAP 3310MX-HAP	3300MX-CAP 3310MX-CAP	3300MX-C22AP 3310MX-C22AP	3300MX-C85AP 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					
I/O — SATA	1x	N/A	1x	N/A	N/A	N/A
I/O — PS2	PS/2 for Keyboard/ Mouse x 1					
I/O — RS-232	3x	N/A	N/A	3x	2x	2x
I/O — RS-422	N/A	N/A	N/A	N/A	x1	N/A
I/O — 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)
- 3 x USB V2.0 ports (2 at the front)
- 3 x RS-232 ports (Optional)
- 1 x RS-422 ports (Optional)
- 1 x RS-485 ports (Optional)
- Auto Power On support
- Ultra low power

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
I/O — SATA	N/A	1x	N/A	1x
I/O — PS2	N/A	N/A	1x	1x
I/O — 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)
- 6 x USB V2.0 ports (2 at the front)
- 4 x RS-232 ports (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							
I/O — SATA	N/A		N/A		N/A		1x	
I/O — PS2	PS/2 for Keyboard/ Mouse x 1							
I/O — RS-232	N/A		2x		2x		3x	
I/O — RS-422	N/A		1x		N/A		N/A	
I/O — 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 (Optional)
- WiFi Dongle support (Optional)
- 3 x USB V2.0 ports (2 at the front)
- 3 x RS-232 ports (Optional)
- 1 x RS-422 ports (Optional)
- 1 x RS-485 ports (Optional)
- 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		
I/O — SATA	1x		
I/O — PS2	N/A		
I/O — 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
- 4 x USB V2.0 ports (2 at the front)
- 10/100 Mbps LAN x 3
- 1 x RS-232 port
- Auto Power On support (Optional)
- Ultra low power

Note:

On EBOX-33xxMX or 33xxMX-C COM3 and COM4 have "TXD" and "RXD" signals only, COM3 & COM4 not support to use "Flow Control".

33xxMX/ AP, 33xxMX-C/ CAP, 33xxMX-T, 33xxMX-TC, 33xxMX-JSK COM ports x 3 how to use:
COM 1 = Full 9pin RS-232, COM 2 Connector (With Y cable become COM 3, COM 4) = R-S232 x 2 (Support TX & RX signals only)
If the user's second device connecting on COM2 doesn't need to use the standard 9pin COM port, then, TX RX can be used to do the send and receive functions but not the flow control.
To use more than one complete full 9 pin RS-232 COM port, please choose the model type EBOX-3310MX-TS4C, TD4C, S4C, and D4C.
EBOX-3310MX-TS4C, TD4C, S4C and D4C have full COM ports x 4, COM1, COM3, COM4 in standard 9pin RS-232 COM ports, COM5 is from USB to COM Port 9pin, additional driver required.

Ordering Information:

EBOX-3300MX/ 3310MX: Standard Version with SATA and 3 x RS-232 ports
EBOX-3300MX-AP/ 3310MX-AP: Standard Version with SATA and 3 x RS-232 ports and Auto Power On Support
EBOX-3300MX-M/ 3310MX-M: Standard Version
EBOX-3300MX-MAP/ 3310MX-MAP: Standard Version and Auto Power On Support
EBOX-3300MX-H/ 3310MX-H: Standard Version with SATA support
EBOX-3300MX-HAP/ 3310MX-HAP: Standard Version with SATA support and Auto Power On Support
EBOX-3300MX-C/ 3310MX-C: Standard Version with 3 x RS-232 ports
EBOX-3300MX-CAP/ 3310MX-CAP: Standard Version with 3 x RS-232 ports, and Auto Power On Support
EBOX-3300MX-C22/ 3310MX-C22: Standard Version with 2 x RS-232 ports, 1x RS-422 port
EBOX-3300MX-C22AP/ 3310MX-C22: Standard Version with 2 x RS-232 ports, 1x RS-422 port and Auto Power On Support
EBOX-3300MX-C85/ 3310MX-C85: Standard Version with 2 x RS-232 ports, and 1x RS-485 port
EBOX-3300MX-C85AP/ 3310MX-C85AP: Standard Version with 2 x RS-232 ports, 1x RS-485 port and Auto Power On Support

EBOX-3300MX-G/ 3310MX-G: GPIO Version
EBOX-3300MX-GC22/ 3310MX-GC22: GPIO Version with 2 x RS-232, and 1 x RS-422 port
EBOX-3300MX-GC85/ 3310MX-GC85: GPIO Version with 2 x RS-232, and 1 x RS-485 port
EBOX-3300MX-JSK/ 3310MX-JSK: GPIO Version with 3 x RS-232 ports

EBOX-3300MX-T/ 3310MX-T: Standard Version with SATA, TV-Out, and 3 x RS-232 ports
EBOX-3300MX-TM/ 3310MX-TM: Standard Version with TV-Out
EBOX-3300MX-TH/ 3310MX-TH: Standard Version with SATA support, and TV-Out
EBOX-3300MX-TC/ 3310MX-TC: Standard Version with 3 x RS-232 ports, and TV-Out
EBOX-3300MX-TAP/ 3310MX-TAP: Standard Version with SATA, TV-Out, 3 x RS-232 ports and Auto Power On Support
EBOX-3300MX-TMAP/ 3310MX-TMAP: Standard Version with TV-Out and Auto Power On Support
EBOX-3300MX-THAP/ 3310MX-THAP: Standard Version with SATA support, TV-Out and Auto Power On Support
EBOX-3300MX-TCAP/ 3310MX-TCAP: Standard Version with 3 x RS-232 ports, TV-Out and Auto Power On Support

EBOX-3310MX-TS4C: TV-In Version with 6 x USB ports, 4 x RS-232 ports, SD Card and Auto Power On Support
EBOX-3310MX-TD4C: TV-In Version with 6 x USB ports, 4 x RS-232 ports, SATA device and Auto Power On Support
EBOX-3310MX-S4C: VGA Version with 6 x USB ports, 4 x RS-232 ports, SD Card and Auto Power On Support
EBOX-3310MX-D4C: VGA Version with 6 x USB ports, 4 x RS-232 ports, SATA device and Auto Power On Support

EBOX-3310MX-L3U4: VGA out, SATA, LAN x 3, USB 2.0 x 4, RS-232 full 9pin port x 1, SD card support.
EB-3310MX-L3U4AP: VGA out, SATA, LAN x 3, USB 2.0 x 4, RS-232 full 9pin port x 1, SD card support, Auto Power On.