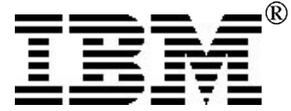


# IBM 486DX2-V

## Power Consumption Values



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### *Application Note*

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## Introduction

The following tables list the average power values, along with their corresponding internal processor speed, for the IBM 486DX2-V microprocessors (both PGA and CQFP packages). The term "Standby" in these tables refers to the microprocessor being placed into both the Suspended AND the Stop-Clock states.

**TABLE 1. Average Power Consumption**

Voltage/Speed (V/MHz)	Current (mA)	Power Consumption (W)
3.3 V		
50 MHz	555	1.83 Watts
66 MHz	640	2.11 Watts
3.6 V		
66 MHz	675	2.43 Watts
4.0 V		
80 MHz	875	3.50 Watts

**Table 2. Average Suspend Mode Power Consumption**

Voltage/Speed (V/MHz)	Current (mA)	Power Consumption (W)
3.3 V		
50 MHz	26	.858 Watts
66 MHz	30	.099 Watts
3.6 V		
66 MHz	30	.108 Watts
4.0 V		
80 MHz	34	.136 Watts

**Table 3. Average Standby Power Consumption**

Voltage/Speed (V/MHz)	Current (mA)	Power Consumption (W)
3.3 V	10	.033 Watts
3.6V	10	.036 Watts
4.0V	10	.040 Watts

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